

**A**

# Correct \_\_\_\_\_

Multiply.

1	$12 \times 10 =$		23	$34 \times 10 =$	
2	$14 \times 10 =$		24	$134 \times 10 =$	
3	$15 \times 10 =$		25	$234 \times 10 =$	
4	$17 \times 10 =$		26	$334 \times 10 =$	
5	$81 \times 10 =$		27	$834 \times 10 =$	
6	$10 \times 81 =$		28	$10 \times 834 =$	
7	$21 \times 10 =$		29	$45 \times 10 =$	
8	$22 \times 10 =$		30	$145 \times 10 =$	
9	$23 \times 10 =$		31	$245 \times 10 =$	
10	$29 \times 10 =$		32	$345 \times 10 =$	
11	$92 \times 10 =$		33	$945 \times 10 =$	
12	$10 \times 92 =$		34	$56 \times 10 =$	
13	$18 \times 10 =$		35	$456 \times 10 =$	
14	$19 \times 10 =$		36	$556 \times 10 =$	
15	$20 \times 10 =$		37	$950 \times 10 =$	
16	$30 \times 10 =$		38	$10 \times 950 =$	
17	$40 \times 10 =$		39	$16 \times 10 =$	
18	$80 \times 10 =$		40	$10 \times 60 =$	
19	$10 \times 80 =$		41	$493 \times 10 =$	
20	$10 \times 50 =$		42	$10 \times 84 =$	
21	$10 \times 90 =$		43	$96 \times 10 =$	
22	$10 \times 70 =$		44	$10 \times 580 =$	

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**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Multiply.

1	$13 \times 10 =$		23	$43 \times 10 =$	
2	$14 \times 10 =$		24	$143 \times 10 =$	
3	$15 \times 10 =$		25	$243 \times 10 =$	
4	$19 \times 10 =$		26	$343 \times 10 =$	
5	$91 \times 10 =$		27	$743 \times 10 =$	
6	$10 \times 91 =$		28	$10 \times 743 =$	
7	$31 \times 10 =$		29	$54 \times 10 =$	
8	$32 \times 10 =$		30	$154 \times 10 =$	
9	$33 \times 10 =$		31	$254 \times 10 =$	
10	$38 \times 10 =$		32	$354 \times 10 =$	
11	$83 \times 10 =$		33	$854 \times 10 =$	
12	$10 \times 83 =$		34	$65 \times 10 =$	
13	$28 \times 10 =$		35	$465 \times 10 =$	
14	$29 \times 10 =$		36	$565 \times 10 =$	
15	$30 \times 10 =$		37	$960 \times 10 =$	
16	$40 \times 10 =$		38	$10 \times 960 =$	
17	$50 \times 10 =$		39	$17 \times 10 =$	
18	$90 \times 10 =$		40	$10 \times 70 =$	
19	$10 \times 90 =$		41	$582 \times 10 =$	
20	$10 \times 20 =$		42	$10 \times 73 =$	
21	$10 \times 60 =$		43	$98 \times 10 =$	
22	$10 \times 80 =$		44	$10 \times 470 =$	

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**A**

# Correct \_\_\_\_\_

Multiply.

1	$1 \times 3 =$		23	$10 \times 3 =$	
2	$3 \times 1 =$		24	$9 \times 3 =$	
3	$2 \times 3 =$		25	$4 \times 3 =$	
4	$3 \times 2 =$		26	$8 \times 3 =$	
5	$3 \times 3 =$		27	$5 \times 3 =$	
6	$4 \times 3 =$		28	$7 \times 3 =$	
7	$3 \times 4 =$		29	$6 \times 3 =$	
8	$5 \times 3 =$		30	$3 \times 10 =$	
9	$3 \times 5 =$		31	$3 \times 5 =$	
10	$6 \times 3 =$		32	$3 \times 6 =$	
11	$3 \times 6 =$		33	$3 \times 1 =$	
12	$7 \times 3 =$		34	$3 \times 9 =$	
13	$3 \times 7 =$		35	$3 \times 4 =$	
14	$8 \times 3 =$		36	$3 \times 3 =$	
15	$3 \times 8 =$		37	$3 \times 2 =$	
16	$9 \times 3 =$		38	$3 \times 7 =$	
17	$3 \times 9 =$		39	$3 \times 8 =$	
18	$10 \times 3 =$		40	$11 \times 3 =$	
19	$3 \times 10 =$		41	$3 \times 11 =$	
20	$3 \times 3 =$		42	$12 \times 3 =$	
21	$1 \times 3 =$		43	$3 \times 13 =$	
22	$2 \times 3 =$		44	$13 \times 3 =$	

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**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Multiply.

1	$3 \times 1 =$		23	$9 \times 3 =$	
2	$1 \times 3 =$		24	$3 \times 3 =$	
3	$3 \times 2 =$		25	$8 \times 3 =$	
4	$2 \times 3 =$		26	$4 \times 3 =$	
5	$3 \times 3 =$		27	$7 \times 3 =$	
6	$3 \times 4 =$		28	$5 \times 3 =$	
7	$4 \times 3 =$		29	$6 \times 3 =$	
8	$3 \times 5 =$		30	$3 \times 5 =$	
9	$5 \times 3 =$		31	$3 \times 10 =$	
10	$3 \times 6 =$		32	$3 \times 1 =$	
11	$6 \times 3 =$		33	$3 \times 6 =$	
12	$3 \times 7 =$		34	$3 \times 4 =$	
13	$7 \times 3 =$		35	$3 \times 9 =$	
14	$3 \times 8 =$		36	$3 \times 2 =$	
15	$8 \times 3 =$		37	$3 \times 7 =$	
16	$3 \times 9 =$		38	$3 \times 3 =$	
17	$9 \times 3 =$		39	$3 \times 8 =$	
18	$3 \times 10 =$		40	$11 \times 3 =$	
19	$10 \times 3 =$		41	$3 \times 11 =$	
20	$1 \times 3 =$		42	$13 \times 3 =$	
21	$10 \times 3 =$		43	$3 \times 13 =$	
22	$2 \times 3 =$		44	$12 \times 3 =$	

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**A**

# Correct \_\_\_\_\_

Multiply.

1	$62.3 \times 10 =$		23	$4.1 \times 1000 =$	
2	$62.3 \times 100 =$		24	$7.6 \times 1000 =$	
3	$62.3 \times 1000 =$		25	$0.01 \times 1000 =$	
4	$73.6 \times 10 =$		26	$0.07 \times 1000 =$	
5	$73.6 \times 100 =$		27	$0.072 \times 100 =$	
6	$73.6 \times 1000 =$		28	$0.802 \times 10 =$	
7	$0.6 \times 10 =$		29	$0.019 \times 1000 =$	
8	$0.06 \times 10 =$		30	$7.412 \times 1000 =$	
9	$0.006 \times 10 =$		31	$6.8 \times 100 =$	
10	$0.3 \times 10 =$		32	$4.901 \times 10 =$	
11	$0.3 \times 100 =$		33	$16.07 \times 100 =$	
12	$0.3 \times 1000 =$		34	$9.19 \times 10 =$	
13	$0.02 \times 10 =$		35	$18.2 \times 100 =$	
14	$0.02 \times 100 =$		36	$14.7 \times 1000 =$	
15	$0.02 \times 1000 =$		37	$2.021 \times 100 =$	
16	$0.008 \times 10 =$		38	$172.1 \times 10 =$	
17	$0.008 \times 100 =$		39	$3.2 \times 20 =$	
18	$0.008 \times 1000 =$		40	$4.1 \times 20 =$	
19	$0.32 \times 10 =$		41	$3.2 \times 30 =$	
20	$0.67 \times 10 =$		42	$1.3 \times 30 =$	
21	$0.91 \times 100 =$		43	$3.12 \times 40 =$	
22	$0.74 \times 100 =$		44	$14.12 \times 40 =$	

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**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Multiply.

1	$46.1 \times 10 =$		23	$5.2 \times 1000 =$	
2	$46.1 \times 100 =$		24	$8.7 \times 1000 =$	
3	$46.1 \times 1000 =$		25	$0.01 \times 1000 =$	
4	$89.2 \times 10 =$		26	$0.08 \times 1000 =$	
5	$89.2 \times 100 =$		27	$0.083 \times 10 =$	
6	$89.2 \times 1000 =$		28	$0.903 \times 10 =$	
7	$0.3 \times 10 =$		29	$0.017 \times 1000 =$	
8	$0.03 \times 10 =$		30	$8.523 \times 1000 =$	
9	$0.003 \times 10 =$		31	$7.9 \times 100 =$	
10	$0.9 \times 10 =$		32	$5.802 \times 10 =$	
11	$0.9 \times 100 =$		33	$27.08 \times 100 =$	
12	$0.9 \times 1000 =$		34	$8.18 \times 10 =$	
13	$0.04 \times 10 =$		35	$29.3 \times 100 =$	
14	$0.04 \times 100 =$		36	$25.8 \times 1000 =$	
15	$0.04 \times 1000 =$		37	$3.032 \times 100 =$	
16	$0.007 \times 10 =$		38	$283.1 \times 10 =$	
17	$0.007 \times 100 =$		39	$2.1 \times 20 =$	
18	$0.007 \times 1000 =$		40	$3.3 \times 20 =$	
19	$0.45 \times 10 =$		41	$3.1 \times 30 =$	
20	$0.78 \times 10 =$		42	$1.2 \times 30 =$	
21	$0.28 \times 100 =$		43	$2.11 \times 40 =$	
22	$0.19 \times 100 =$		44	$13.11 \times 40 =$	

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**A**

# Correct \_\_\_\_\_

Find the midpoint.

1	0	10	23	8.5	8.6
2	0	1	24	2.8	2.9
3	0	0.01	25	0.03	0.04
4	10	20	26	0.13	0.14
5	1	2	27	0.37	0.38
6	2	3	28	80	90
7	3	4	29	90	100
8	7	8	30	8	9
9	1	2	31	9	10
10	0.1	0.2	32	0.8	0.9
11	0.2	0.3	33	0.9	1
12	0.3	0.4	34	0.08	0.09
13	0.7	0.8	35	0.09	0.1
14	0.1	0.2	36	26	27
15	0.01	0.02	37	7.8	7.9
16	0.02	0.03	38	1.26	1.27
17	0.03	0.04	39	29	30
18	0.07	0.08	40	9.9	10
19	6	7	41	7.9	8
20	16	17	42	1.59	1.6
21	38	39	43	1.79	1.8
22	0.4	0.5	44	3.99	4

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**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Find the midpoint.

1	10	20	23	0.7	0.8
2	1	2	24	4.7	4.8
3	0.1	0.2	25	2.3	2.4
4	0.01	0.02	26	0.02	0.03
5	0	10	27	0.12	0.13
6	0	1	28	0.47	0.48
7	1	2	29	80	90
8	2	3	30	90	100
9	6	7	31	8	9
10	1	2	32	9	10
11	0.1	0.2	33	0.8	0.9
12	0.2	0.3	34	0.9	1
13	0.3	0.4	35	0.08	0.09
14	0.6	0.7	36	0.09	0.1
15	0.1	0.2	37	36	37
16	0.01	0.02	38	6.8	6.9
17	0.02	0.03	39	1.46	1.47
18	0.03	0.04	40	39	40
19	0.06	0.07	41	9.9	10
20	7	8	42	6.9	7
21	17	18	43	1.29	1.3
22	47	48	44	6.99	7

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**A**

# Correct \_\_\_\_\_

Round to the nearest whole number.

1	3.1 ≈		23	12.51 ≈	
2	3.2 ≈		24	16.61 ≈	
3	3.3 ≈		25	17.41 ≈	
4	3.4 ≈		26	11.51 ≈	
5	3.5 ≈		27	11.49 ≈	
6	3.6 ≈		28	13.49 ≈	
7	3.9 ≈		29	13.51 ≈	
8	13.9 ≈		30	15.51 ≈	
9	13.1 ≈		31	15.49 ≈	
10	13.5 ≈		32	6.3 ≈	
11	7.5 ≈		33	7.6 ≈	
12	8.5 ≈		34	49.5 ≈	
13	9.5 ≈		35	3.45 ≈	
14	19.5 ≈		36	17.46 ≈	
15	29.5 ≈		37	11.76 ≈	
16	89.5 ≈		38	5.2 ≈	
17	2.4 ≈		39	12.8 ≈	
18	2.41 ≈		40	59.5 ≈	
19	2.42 ≈		41	5.45 ≈	
20	2.45 ≈		42	19.47 ≈	
21	2.49 ≈		43	19.87 ≈	
22	2.51 ≈		44	69.51 ≈	

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**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Round to the nearest whole number.

1	4.1 ≈		23	13.51 ≈	
2	4.2 ≈		24	17.61 ≈	
3	4.3 ≈		25	18.41 ≈	
4	4.4 ≈		26	12.51 ≈	
5	4.5 ≈		27	12.49 ≈	
6	4.6 ≈		28	14.49 ≈	
7	4.9 ≈		29	14.51 ≈	
8	14.9 ≈		30	16.51 ≈	
9	14.1 ≈		31	16.49 ≈	
10	14.5 ≈		32	7.3 ≈	
11	7.5 ≈		33	8.6 ≈	
12	8.5 ≈		34	39.5 ≈	
13	9.5 ≈		35	4.45 ≈	
14	19.5 ≈		36	18.46 ≈	
15	29.5 ≈		37	12.76 ≈	
16	79.5 ≈		38	6.2 ≈	
17	3.4 ≈		39	13.8 ≈	
18	3.41 ≈		40	49.5 ≈	
19	3.42 ≈		41	6.45 ≈	
20	3.45 ≈		42	19.48 ≈	
21	3.49 ≈		43	19.78 ≈	
22	3.51 ≈		44	59.51 ≈	

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**A**

# Correct \_\_\_\_\_

Add.

1	$3 + 1 =$		23	$5 + 0.1 =$	
2	$3.5 + 1 =$		24	$5.7 + 0.1 =$	
3	$3.52 + 1 =$		25	$5.73 + 0.1 =$	
4	$0.3 + 0.1 =$		26	$5.736 + 0.1 =$	
5	$0.37 + 0.1 =$		27	$5.736 + 1 =$	
6	$5.37 + 0.1 =$		28	$5.736 + 0.01 =$	
7	$0.03 + 0.01 =$		29	$5.736 + 0.001 =$	
8	$0.83 + 0.01 =$		30	$6.208 + 0.01 =$	
9	$2.83 + 0.01 =$		31	$3 + 0.01 =$	
10	$30 + 10 =$		32	$3.5 + 0.01 =$	
11	$32 + 10 =$		33	$3.58 + 0.01 =$	
12	$32.5 + 10 =$		34	$3.584 + 0.01 =$	
13	$32.58 + 10 =$		35	$3.584 + 0.001 =$	
14	$40.789 + 1 =$		36	$3.584 + 0.1 =$	
15	$4 + 1 =$		37	$3.584 + 1 =$	
16	$4.6 + 1 =$		38	$6.804 + 0.01 =$	
17	$4.62 + 1 =$		39	$8.642 + 0.001 =$	
18	$4.628 + 1 =$		40	$7.65 + 0.001 =$	
19	$4.628 + 0.1 =$		41	$3.987 + 0.1 =$	
20	$4.628 + 0.01 =$		42	$4.279 + 0.001 =$	
21	$4.628 + 0.001 =$		43	$13.579 + 0.01 =$	
22	$27.048 + 0.1 =$		44	$15.491 + 0.01 =$	

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**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Add.

1	$2 + 1 =$		23	$4 + 0.1 =$	
2	$2.5 + 1 =$		24	$4.7 + 0.1 =$	
3	$2.53 + 1 =$		25	$4.73 + 0.1 =$	
4	$0.2 + 0.1 =$		26	$4.736 + 0.1 =$	
5	$0.27 + 0.1 =$		27	$4.736 + 1 =$	
6	$5.27 + 0.1 =$		28	$4.736 + 0.01 =$	
7	$0.02 + 0.01 =$		29	$4.736 + 0.001 =$	
8	$0.82 + 0.01 =$		30	$5.208 + 0.01 =$	
9	$4.82 + 0.01 =$		31	$2 + 0.01 =$	
10	$20 + 10 =$		32	$2.5 + 0.01 =$	
11	$23 + 10 =$		33	$2.58 + 0.01 =$	
12	$23.5 + 10 =$		34	$2.584 + 0.01 =$	
13	$23.58 + 10 =$		35	$2.584 + 0.001 =$	
14	$30.789 + 1 =$		36	$2.584 + 0.1 =$	
15	$3 + 1 =$		37	$2.584 + 1 =$	
16	$3.6 + 1 =$		38	$5.804 + 0.01 =$	
17	$3.62 + 1 =$		39	$7.642 + 0.001 =$	
18	$3.628 + 1 =$		40	$6.75 + 0.001 =$	
19	$3.628 + 0.1 =$		41	$2.987 + 0.1 =$	
20	$3.628 + 0.01 =$		42	$3.279 + 0.001 =$	
21	$3.628 + 0.001 =$		43	$12.579 + 0.01 =$	
22	$37.048 + 0.1 =$		44	$14.391 + 0.01 =$	

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**A**

# Correct \_\_\_\_\_

Subtract.

1	$5 - 1 =$	.	23	$7.985 - 0.002 =$	.
2	$5.9 - 1 =$	.	24	$7.985 - 0.004 =$	.
3	$5.93 - 1 =$	.	25	$2.7 - 0.1 =$	.
4	$5.932 - 1 =$	.	26	$2.785 - 0.1 =$	.
5	$5.932 - 2 =$	.	27	$2.785 - 0.5 =$	.
6	$5.932 - 4 =$	.	28	$4.913 - 0.4 =$	.
7	$0.5 - 0.1 =$	.	29	$3.58 - 0.01 =$	.
8	$0.53 - 0.1 =$	.	30	$3.586 - 0.01 =$	.
9	$0.539 - 0.1 =$	.	31	$3.586 - 0.05 =$	.
10	$8.539 - 0.1 =$	.	32	$7.982 - 0.04 =$	.
11	$8.539 - 0.2 =$	.	33	$6.126 - 0.001 =$	.
12	$8.539 - 0.4 =$	.	34	$6.126 - 0.004 =$	.
13	$0.05 - 0.01 =$	.	35	$9.348 - 0.006 =$	.
14	$0.057 - 0.01 =$	.	36	$8.347 - 0.3 =$	.
15	$1.057 - 0.01 =$	.	37	$9.157 - 0.05 =$	.
16	$1.857 - 0.01 =$	.	38	$6.879 - 0.009 =$	.
17	$1.857 - 0.02 =$	.	39	$6.548 - 2 =$	.
18	$1.857 - 0.04 =$	.	40	$6.548 - 0.2 =$	.
19	$0.005 - 0.001 =$	.	41	$6.548 - 0.02 =$	.
20	$7.005 - 0.001 =$	.	42	$6.548 - 0.002 =$	.
21	$7.905 - 0.001 =$	.	43	$6.196 - 0.06 =$	.
22	$7.985 - 0.001 =$	.	44	$9.517 - 0.004 =$	.

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**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Subtract.

1	$6 - 1 =$	.	23	$7.986 - 0.002 =$	.
2	$6.9 - 1 =$	.	24	$7.986 - 0.004 =$	.
3	$6.93 - 1 =$	.	25	$3.7 - 0.1 =$	.
4	$6.932 - 1 =$	.	26	$3.785 - 0.1 =$	.
5	$6.932 - 2 =$	.	27	$3.785 - 0.5 =$	.
6	$6.932 - 4 =$	.	28	$5.924 - 0.4 =$	.
7	$0.6 - 0.1 =$	.	29	$4.58 - 0.01 =$	.
8	$0.63 - 0.1 =$	.	30	$4.586 - 0.01 =$	.
9	$0.639 - 0.1 =$	.	31	$4.586 - 0.05 =$	.
10	$8.639 - 0.1 =$	.	32	$6.183 - 0.04 =$	.
11	$8.639 - 0.2 =$	.	33	$7.127 - 0.001 =$	.
12	$8.639 - 0.4 =$	.	34	$7.127 - 0.004 =$	.
13	$0.06 - 0.01 =$	.	35	$1.459 - 0.006 =$	.
14	$0.067 - 0.01 =$	.	36	$8.457 - 0.4 =$	.
15	$1.067 - 0.01 =$	.	37	$1.267 - 0.06 =$	.
16	$1.867 - 0.01 =$	.	38	$7.981 - 0.001 =$	.
17	$1.867 - 0.02 =$	.	39	$7.548 - 2 =$	.
18	$1.867 - 0.04 =$	.	40	$7.548 - 0.2 =$	.
19	$0.006 - 0.001 =$	.	41	$7.548 - 0.02 =$	.
20	$7.006 - 0.001 =$	.	42	$7.548 - 0.002 =$	.
21	$7.906 - 0.001 =$	.	43	$7.197 - 0.06 =$	.
22	$7.986 - 0.001 =$	.	44	$1.627 - 0.004 =$	.

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**A**

# Correct \_\_\_\_\_

Solve.

1	$10 \times 10 =$		23	$24 \times 10^2 =$	
2	$10^2 =$		24	$24.7 \times 10^2 =$	
3	$10^2 \times 10 =$		25	$24.07 \times 10^2 =$	
4	$10^3 =$		26	$24.007 \times 10^2 =$	
5	$10^3 \times 10 =$		27	$53 \times 1000 =$	
6	$10^4 =$		28	$53 \times 10^3 =$	
7	$3 \times 100 =$		29	$53.8 \times 10^3 =$	
8	$3 \times 10^2 =$		30	$53.08 \times 10^3 =$	
9	$3.1 \times 10^2 =$		31	$53.082 \times 10^3 =$	
10	$3.15 \times 10^2 =$		32	$9.1 \times 10,000 =$	
11	$3.157 \times 10^2 =$		33	$9.1 \times 10^4 =$	
12	$4 \times 1000 =$		34	$91.4 \times 10^4 =$	
13	$4 \times 10^3 =$		35	$9.104 \times 10^4 =$	
14	$4.2 \times 10^3 =$		36	$9.107 \times 10^4 =$	
15	$4.28 \times 10^3 =$		37	$1.2 \times 10^2 =$	
16	$4.283 \times 10^3 =$		38	$0.35 \times 10^3 =$	
17	$5 \times 10,000 =$		39	$5.492 \times 10^4 =$	
18	$5 \times 10^4 =$		40	$8.04 \times 10^3 =$	
19	$5.7 \times 10^4 =$		41	$7.109 \times 10^4 =$	
20	$5.73 \times 10^4 =$		42	$0.058 \times 10^2 =$	
21	$5.731 \times 10^4 =$		43	$20.78 \times 10^3 =$	
22	$24 \times 100 =$		44	$420.079 \times 10^2 =$	

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**B** Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Solve.

1	$10 \times 10 \times 1 =$		23	$42 \times 10^2 =$	
2	$10^2 =$		24	$42.7 \times 10^2 =$	
3	$10^2 \times 10 =$		25	$42.07 \times 10^2 =$	
4	$10^3 =$		26	$42.007 \times 10^2 =$	
5	$10^3 \times 10 =$		27	$35 \times 1000 =$	
6	$10^4 =$		28	$35 \times 10^3 =$	
7	$4 \times 100 =$		29	$35.8 \times 10^3 =$	
8	$4 \times 10^2 =$		30	$35.08 \times 10^3 =$	
9	$4.1 \times 10^2 =$		31	$35.082 \times 10^3 =$	
10	$4.15 \times 10^2 =$		32	$8.1 \times 10,000 =$	
11	$4.157 \times 10^2 =$		33	$8.1 \times 10^4 =$	
12	$5 \times 1000 =$		34	$81.4 \times 10^4 =$	
13	$5 \times 10^3 =$		35	$8.104 \times 10^4 =$	
14	$5.2 \times 10^3 =$		36	$8.107 \times 10^4 =$	
15	$5.28 \times 10^3 =$		37	$1.3 \times 10^2 =$	
16	$5.283 \times 10^3 =$		38	$0.53 \times 10^3 =$	
17	$7 \times 10,000 =$		39	$4.391 \times 10^4 =$	
18	$7 \times 10^4 =$		40	$7.03 \times 10^3 =$	
19	$7.5 \times 10^4 =$		41	$6.109 \times 10^4 =$	
20	$7.53 \times 10^4 =$		42	$0.085 \times 10^2 =$	
21	$7.531 \times 10^4 =$		43	$30.87 \times 10^3 =$	
22	$42 \times 100 =$		44	$530.097 \times 10^2 =$	

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**A**

# Correct \_\_\_\_\_

Solve.

1	$10 \times 10 =$		23	$3,400 \div 10^2 =$	
2	$10^2 =$		24	$3,470 \div 10^2 =$	
3	$10^2 \times 10 =$		25	$3,407 \div 10^2 =$	
4	$10^3 =$		26	$3,400.7 \div 10^2 =$	
5	$10^3 \times 10 =$		27	$63,000 \div 1000 =$	
6	$10^4 =$		28	$63,000 \div 10^3 =$	
7	$3 \times 100 =$		29	$63,800 \div 10^3 =$	
8	$3 \times 10^2 =$		30	$63,080 \div 10^3 =$	
9	$3.1 \times 10^2 =$		31	$63,082 \div 10^3 =$	
10	$3.15 \times 10^2 =$		32	$81,000 \div 10,000 =$	
11	$3.157 \times 10^2 =$		33	$81,000 \div 10^4 =$	
12	$4 \times 1000 =$		34	$81,400 \div 10^4 =$	
13	$4 \times 10^3 =$		35	$81,040 \div 10^4 =$	
14	$4.2 \times 10^3 =$		36	$91,070 \div 10^4 =$	
15	$4.28 \times 10^3 =$		37	$120 \div 10^2 =$	
16	$4.283 \times 10^3 =$		38	$350 \div 10^3 =$	
17	$5 \times 10,000 =$		39	$45,920 \div 10^4 =$	
18	$5 \times 10^4 =$		40	$6,040 \div 10^3 =$	
19	$5.7 \times 10^4 =$		41	$61,080 \div 10^4 =$	
20	$5.73 \times 10^4 =$		42	$7.8 \div 10^2 =$	
21	$5.731 \times 10^4 =$		43	$40,870 \div 10^3 =$	
22	$24 \times 100 =$		44	$52,070.9 \div 10^2 =$	

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**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Solve.

1	$10 \times 10 \times 1 =$		23	$4,370 \div 10^2 =$	
2	$10^2 =$		24	$4,370 \div 10^2 =$	
3	$10^2 \times 10 =$		25	$4,307 \div 10^2 =$	
4	$10^3 =$		26	$4,300.7 \div 10^2 =$	
5	$10^3 \times 10 =$		27	$73,000 \div 1000 =$	
6	$10^4 =$		28	$73,000 \div 10^3 =$	
7	$500 \div 100 =$		29	$73,800 \div 10^3 =$	
8	$500 \div 10^2 =$		30	$73,080 \div 10^3 =$	
9	$510 \div 10^2 =$		31	$73,082 \div 10^3 =$	
10	$516 \div 10^2 =$		32	$91,000 \div 10,000 =$	
11	$516.7 \div 10^2 =$		33	$91,000 \div 10^4 =$	
12	$6,000 \div 1000 =$		34	$91,400 \div 10^4 =$	
13	$6,000 \div 10^3 =$		35	$91,040 \div 10^4 =$	
14	$6,200 \div 10^3 =$		36	$81,070 \div 10^4 =$	
15	$6,280 \div 10^3 =$		37	$170 \div 10^2 =$	
16	$6,283 \div 10^3 =$		38	$450 \div 10^3 =$	
17	$70,000 \div 10,000 =$		39	$54,920 \div 10^4 =$	
18	$70,000 \div 10^4 =$		40	$4,060 \div 10^3 =$	
19	$76,000 \div 10^4 =$		41	$71,080 \div 10^4 =$	
20	$76,300 \div 10^4 =$		42	$8.7 \div 10^2 =$	
21	$76,310 \div 10^4 =$		43	$60,470 \div 10^3 =$	
22	$4,300 \div 100 =$		44	$72,050.9 \div 10^2 =$	

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**A**

# Correct \_\_\_\_\_

Multiply.

1	$9 \times 10 =$		23	$73 \times 1,000 =$	
2	$9 \times 100 =$		24	$60 \times 10 =$	
3	$9 \times 1,000 =$		25	$600 \times 10 =$	
4	$8 \times 10 =$		26	$600 \times 100 =$	
5	$80 \times 10 =$		27	$65 \times 100 =$	
6	$80 \times 100 =$		28	$652 \times 100 =$	
7	$80 \times 1,000 =$		29	$342 \times 100 =$	
8	$7 \times 10 =$		30	$800 \times 100 =$	
9	$70 \times 10 =$		31	$800 \times 1,000 =$	
10	$700 \times 10 =$		32	$860 \times 1,000 =$	
11	$700 \times 100 =$		33	$867 \times 1,000 =$	
12	$700 \times 1,000 =$		34	$492 \times 1,000 =$	
13	$2 \times 10 =$		35	$34 \times 10 =$	
14	$30 \times 10 =$		36	$629 \times 10 =$	
15	$32 \times 10 =$		37	$94 \times 100 =$	
16	$4 \times 10 =$		38	$238 \times 100 =$	
17	$50 \times 10 =$		39	$47 \times 1,000 =$	
18	$54 \times 10 =$		40	$294 \times 1,000 =$	
19	$37 \times 10 =$		41	$174 \times 100 =$	
20	$84 \times 10 =$		42	$285 \times 1,000 =$	
21	$84 \times 100 =$		43	$951 \times 100 =$	
22	$84 \times 1,000 =$		44	$129 \times 1,000 =$	

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**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Multiply.

1	$8 \times 10 =$		23	$37 \times 1,000 =$	
2	$8 \times 100 =$		24	$50 \times 10 =$	
3	$8 \times 1,000 =$		25	$500 \times 10 =$	
4	$7 \times 10 =$		26	$500 \times 100 =$	
5	$70 \times 10 =$		27	$56 \times 100 =$	
6	$70 \times 100 =$		28	$562 \times 100 =$	
7	$70 \times 1,000 =$		29	$432 \times 100 =$	
8	$6 \times 10 =$		30	$700 \times 100 =$	
9	$60 \times 10 =$		31	$700 \times 1,000 =$	
10	$600 \times 10 =$		32	$760 \times 1,000 =$	
11	$600 \times 100 =$		33	$765 \times 1,000 =$	
12	$600 \times 1,000 =$		34	$942 \times 1,000 =$	
13	$3 \times 10 =$		35	$74 \times 10 =$	
14	$20 \times 10 =$		36	$269 \times 10 =$	
15	$23 \times 10 =$		37	$49 \times 100 =$	
16	$5 \times 10 =$		38	$328 \times 100 =$	
17	$40 \times 10 =$		39	$37 \times 1,000 =$	
18	$45 \times 10 =$		40	$924 \times 1,000 =$	
19	$73 \times 10 =$		41	$147 \times 100 =$	
20	$48 \times 10 =$		42	$825 \times 1,000 =$	
21	$48 \times 100 =$		43	$651 \times 100 =$	
22	$48 \times 1,000 =$		44	$192 \times 1,000 =$	

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Estimate and then multiply.

1	$29 \times 11 \approx$		23	$801 \times 31 \approx$	
2	$29 \times 21 \approx$		24	$803 \times 31 \approx$	
3	$29 \times 31 \approx$		25	$703 \times 31 \approx$	
4	$23 \times 12 \approx$		26	$43 \times 34 \approx$	
5	$23 \times 22 \approx$		27	$53 \times 34 \approx$	
6	$23 \times 32 \approx$		28	$53 \times 31 \approx$	
7	$23 \times 42 \approx$		29	$53 \times 51 \approx$	
8	$37 \times 13 \approx$		30	$93 \times 31 \approx$	
9	$37 \times 23 \approx$		31	$913 \times 31 \approx$	
10	$36 \times 24 \approx$		32	$73 \times 31 \approx$	
11	$24 \times 36 \approx$		33	$723 \times 31 \approx$	
12	$43 \times 11 \approx$		34	$78 \times 34 \approx$	
13	$43 \times 21 \approx$		35	$798 \times 34 \approx$	
14	$403 \times 21 \approx$		36	$62 \times 33 \approx$	
15	$303 \times 21 \approx$		37	$642 \times 33 \approx$	
16	$203 \times 21 \approx$		38	$374 \times 64 \approx$	
17	$41 \times 11 \approx$		39	$64 \times 374 \approx$	
18	$41 \times 21 \approx$		40	$740 \times 36 \approx$	
19	$41 \times 31 \approx$		41	$750 \times 36 \approx$	
20	$401 \times 31 \approx$		42	$65 \times 680 \approx$	
21	$501 \times 31 \approx$		43	$849 \times 84 \approx$	
22	$601 \times 31 \approx$		44	$85 \times 849 \approx$	

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Solve.

1	$5 \times 100 =$		23	$5000 - 50 =$	
2	$500 - 5 =$		24	$50 \times 99 =$	
3	$5 \times 99 =$		25	$80 \times 100 =$	
4	$3 \times 100 =$		26	$80 \times 99 =$	
5	$300 - 3 =$		27	$60 \times 100 =$	
6	$3 \times 99 =$		28	$60 \times 99 =$	
7	$2 \times 100 =$		29	$11 \times 100 =$	
8	$200 - 2 =$		30	$1100 - 11 =$	
9	$2 \times 99 =$		31	$11 \times 99 =$	
10	$6 \times 100 =$		32	$21 \times 100 =$	
11	$600 - 6 =$		33	$2100 - 21 =$	
12	$6 \times 99 =$		34	$21 \times 99 =$	
13	$4 \times 100 =$		35	$31 \times 100 =$	
14	$4 \times 99 =$		36	$31 \times 99 =$	
15	$7 \times 100 =$		37	$71 \times 100 =$	
16	$7 \times 99 =$		38	$71 \times 99 =$	
17	$9 \times 100 =$		39	$42 \times 100 =$	
18	$9 \times 99 =$		40	$42 \times 99 =$	
19	$8 \times 100 =$		41	$53 \times 99 =$	
20	$8 \times 99 =$		42	$64 \times 99 =$	
21	$5 \times 100 =$		43	$75 \times 99 =$	
22	$50 \times 100 =$		44	$97 \times 99 =$	

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**A**

# Correct \_\_\_\_\_

Multiply.

1	$2 \times 10 =$		23	$33 \times 20 =$	
2	$12 \times 10 =$		24	$33 \times 200 =$	
3	$12 \times 100 =$		25	$24 \times 10 =$	
4	$4 \times 10 =$		26	$24 \times 20 =$	
5	$34 \times 10 =$		27	$24 \times 100 =$	
6	$34 \times 100 =$		28	$24 \times 200 =$	
7	$7 \times 10 =$		29	$23 \times 30 =$	
8	$27 \times 10 =$		30	$23 \times 300 =$	
9	$27 \times 100 =$		31	$71 \times 2 =$	
10	$3 \times 10 =$		32	$71 \times 20 =$	
11	$3 \times 2 =$		33	$14 \times 2 =$	
12	$3 \times 20 =$		34	$14 \times 3 =$	
13	$13 \times 10 =$		35	$14 \times 30 =$	
14	$13 \times 2 =$		36	$14 \times 300 =$	
15	$13 \times 20 =$		37	$82 \times 20 =$	
16	$13 \times 100 =$		38	$15 \times 300 =$	
17	$13 \times 200 =$		39	$71 \times 600 =$	
18	$2 \times 4 =$		40	$18 \times 40 =$	
19	$22 \times 4 =$		41	$75 \times 30 =$	
20	$22 \times 40 =$		42	$84 \times 300 =$	
21	$22 \times 400 =$		43	$87 \times 60 =$	
22	$33 \times 2 =$		44	$79 \times 800 =$	

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**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Multiply.

1	$3 \times 10 =$		23	$44 \times 20 =$	
2	$13 \times 10 =$		24	$44 \times 200 =$	
3	$13 \times 100 =$		25	$42 \times 10 =$	
4	$5 \times 10 =$		26	$42 \times 20 =$	
5	$35 \times 10 =$		27	$42 \times 100 =$	
6	$35 \times 100 =$		28	$42 \times 200 =$	
7	$8 \times 10 =$		29	$32 \times 30 =$	
8	$28 \times 10 =$		30	$32 \times 300 =$	
9	$28 \times 100 =$		31	$81 \times 2 =$	
10	$4 \times 10 =$		32	$81 \times 20 =$	
11	$4 \times 2 =$		33	$13 \times 3 =$	
12	$4 \times 20 =$		34	$13 \times 4 =$	
13	$14 \times 10 =$		35	$13 \times 40 =$	
14	$14 \times 2 =$		36	$13 \times 400 =$	
15	$14 \times 20 =$		37	$72 \times 30 =$	
16	$14 \times 100 =$		38	$15 \times 300 =$	
17	$14 \times 200 =$		39	$81 \times 600 =$	
18	$2 \times 3 =$		40	$16 \times 40 =$	
19	$22 \times 3 =$		41	$65 \times 30 =$	
20	$22 \times 30 =$		42	$48 \times 300 =$	
21	$22 \times 300 =$		43	$89 \times 60 =$	
22	$44 \times 2 =$		44	$76 \times 800 =$	

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**A**

# Correct \_\_\_\_\_

Multiply.

1	$3 \times 3 =$		23	$8 \times 5 =$	
2	$0.3 \times 3 =$		24	$0.8 \times 5 =$	
3	$0.03 \times 3 =$		25	$0.08 \times 5 =$	
4	$3 \times 2 =$		26	$0.06 \times 5 =$	
5	$0.3 \times 2 =$		27	$0.06 \times 3 =$	
6	$0.03 \times 2 =$		28	$0.6 \times 5 =$	
7	$2 \times 2 =$		29	$0.06 \times 2 =$	
8	$0.2 \times 2 =$		30	$0.06 \times 7 =$	
9	$0.02 \times 2 =$		31	$0.9 \times 6 =$	
10	$5 \times 3 =$		32	$0.06 \times 9 =$	
11	$0.5 \times 3 =$		33	$0.09 \times 9 =$	
12	$0.05 \times 3 =$		34	$0.8 \times 8 =$	
13	$0.04 \times 3 =$		35	$0.07 \times 7 =$	
14	$0.4 \times 3 =$		36	$0.6 \times 6 =$	
15	$4 \times 3 =$		37	$0.05 \times 5 =$	
16	$5 \times 5 =$		38	$0.6 \times 8 =$	
17	$0.5 \times 5 =$		39	$0.07 \times 9 =$	
18	$0.05 \times 5 =$		40	$0.8 \times 3 =$	
19	$7 \times 4 =$		41	$0.09 \times 6 =$	
20	$0.7 \times 4 =$		42	$0.5 \times 7 =$	
21	$0.07 \times 4 =$		43	$0.12 \times 4 =$	
22	$0.9 \times 4 =$		44	$0.12 \times 9 =$	

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**B** Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Multiply.

1	$2 \times 2 =$		23	$6 \times 5 =$	
2	$0.2 \times 2 =$		24	$0.6 \times 5 =$	
3	$0.02 \times 2 =$		25	$0.06 \times 5 =$	
4	$4 \times 2 =$		26	$0.08 \times 5 =$	
5	$0.4 \times 2 =$		27	$0.08 \times 3 =$	
6	$0.04 \times 2 =$		28	$0.8 \times 5 =$	
7	$3 \times 3 =$		29	$0.08 \times 2 =$	
8	$0.3 \times 3 =$		30	$0.08 \times 7 =$	
9	$0.03 \times 3 =$		31	$0.9 \times 8 =$	
10	$4 \times 3 =$		32	$0.08 \times 9 =$	
11	$0.4 \times 3 =$		33	$0.9 \times 9 =$	
12	$0.04 \times 3 =$		34	$0.08 \times 8 =$	
13	$0.05 \times 3 =$		35	$0.7 \times 7 =$	
14	$0.5 \times 3 =$		36	$0.06 \times 6 =$	
15	$5 \times 3 =$		37	$0.5 \times 5 =$	
16	$4 \times 4 =$		38	$0.06 \times 8 =$	
17	$0.4 \times 4 =$		39	$0.7 \times 9 =$	
18	$0.04 \times 4 =$		40	$0.08 \times 3 =$	
19	$8 \times 4 =$		41	$0.9 \times 6 =$	
20	$0.8 \times 4 =$		42	$0.05 \times 7 =$	
21	$0.08 \times 4 =$		43	$0.12 \times 6 =$	
22	$0.6 \times 4 =$		44	$0.12 \times 8 =$	

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**A**

# Correct \_\_\_\_\_

Write in feet and inches.

1	12 in =	ft	in	23	17 in =	ft	in
2	13 in =	ft	in	24	24 in =	ft	in
3	14 in =	ft	in	25	28 in =	ft	in
4	15 in =	ft	in	26	36 in =	ft	in
5	22 in =	ft	in	27	45 in =	ft	in
6	20 in =	ft	in	28	48 in =	ft	in
7	24 in =	ft	in	29	59 in =	ft	in
8	25 in =	ft	in	30	60 in =	ft	in
9	26 in =	ft	in	31	64 in =	ft	in
10	30 in =	ft	in	32	68 in =	ft	in
11	34 in =	ft	in	33	71 in =	ft	in
12	35 in =	ft	in	34	73 in =	ft	in
13	36 in =	ft	in	35	72 in =	ft	in
14	37 in =	ft	in	36	80 in =	ft	in
15	46 in =	ft	in	37	84 in =	ft	in
16	40 in =	ft	in	38	90 in =	ft	in
17	48 in =	ft	in	39	96 in =	ft	in
18	58 in =	ft	in	40	100 in =	ft	in
19	49 in =	ft	in	41	108 in =	ft	in
20	47 in =	ft	in	42	117 in =	ft	in
21	50 in =	ft	in	43	104 in =	ft	in
22	12 in =	ft	in	44	93 in =	ft	in

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**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Write in feet and inches.

1	120 in =	ft	in	23	16 in =	ft	in
2	12 in =	ft	in	24	24 in =	ft	in
3	13 in =	ft	in	25	29 in =	ft	in
4	14 in =	ft	in	26	36 in =	ft	in
5	20 in =	ft	in	27	42 in =	ft	in
6	22 in =	ft	in	28	48 in =	ft	in
7	24 in =	ft	in	29	59 in =	ft	in
8	25 in =	ft	in	30	60 in =	ft	in
9	26 in =	ft	in	31	63 in =	ft	in
10	34 in =	ft	in	32	67 in =	ft	in
11	30 in =	ft	in	33	70 in =	ft	in
12	35 in =	ft	in	34	73 in =	ft	in
13	36 in =	ft	in	35	72 in =	ft	in
14	46 in =	ft	in	36	77 in =	ft	in
15	37 in =	ft	in	37	84 in =	ft	in
16	40 in =	ft	in	38	89 in =	ft	in
17	48 in =	ft	in	39	96 in =	ft	in
18	49 in =	ft	in	40	99 in =	ft	in
19	58 in =	ft	in	41	108 in =	ft	in
20	47 in =	ft	in	42	115 in =	ft	in
21	50 in =	ft	in	43	103 in =	ft	in
22	12 in =	ft	in	44	95 in =	ft	in

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**A**

# Correct \_\_\_\_\_

Divide.

1	$30 \div 10 =$	23	$480 \div 4 =$
2	$430 \div 10 =$	24	$480 \div 40 =$
3	$4,300 \div 10 =$	25	$6,300 \div 3 =$
4	$4,300 \div 100 =$	26	$6,300 \div 30 =$
5	$43,000 \div 100 =$	27	$6,300 \div 300 =$
6	$50 \div 10 =$	28	$8,400 \div 2 =$
7	$850 \div 10 =$	29	$8,400 \div 20 =$
8	$8,500 \div 10 =$	30	$8,400 \div 200 =$
9	$8,500 \div 100 =$	31	$96,000 \div 3 =$
10	$85,000 \div 100 =$	32	$96,000 \div 300 =$
11	$600 \div 10 =$	33	$96,000 \div 30 =$
12	$60 \div 3 =$	34	$900 \div 30 =$
13	$600 \div 30 =$	35	$1,200 \div 30 =$
14	$4,000 \div 100 =$	36	$1,290 \div 30 =$
15	$40 \div 2 =$	37	$1,800 \div 300 =$
16	$4,000 \div 200 =$	38	$8,000 \div 200 =$
17	$240 \div 10 =$	39	$12,000 \div 200 =$
18	$24 \div 2 =$	40	$12,800 \div 200 =$
19	$240 \div 20 =$	41	$2,240 \div 70 =$
20	$3,600 \div 100 =$	42	$18,400 \div 800 =$
21	$36 \div 3 =$	43	$21,600 \div 90 =$
22	$3,600 \div 300 =$	44	$25,200 \div 600 =$

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**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Divide.

1	$20 \div 10 =$	23	$840 \div 4 =$
2	$420 \div 10 =$	24	$840 \div 40 =$
3	$4,200 \div 10 =$	25	$3,600 \div 3 =$
4	$4,200 \div 100 =$	26	$3,600 \div 30 =$
5	$42,000 \div 100 =$	27	$3,600 \div 300 =$
6	$40 \div 10 =$	28	$4,800 \div 2 =$
7	$840 \div 10 =$	29	$4,800 \div 20 =$
8	$8,400 \div 10 =$	30	$4,800 \div 200 =$
9	$8,400 \div 100 =$	31	$69,000 \div 3 =$
10	$84,000 \div 100 =$	32	$69,000 \div 300 =$
11	$900 \div 10 =$	33	$69,000 \div 30 =$
12	$90 \div 3 =$	34	$800 \div 40 =$
13	$900 \div 30 =$	35	$1,200 \div 40 =$
14	$6,000 \div 100 =$	36	$1,280 \div 40 =$
15	$60 \div 2 =$	37	$1,600 \div 400 =$
16	$6,000 \div 200 =$	38	$8,000 \div 200 =$
17	$240 \div 10 =$	39	$14,000 \div 200 =$
18	$24 \div 2 =$	40	$14,600 \div 200 =$
19	$240 \div 20 =$	41	$2,560 \div 80 =$
20	$6,300 \div 100 =$	42	$16,100 \div 700 =$
21	$63 \div 3 =$	43	$14,400 \div 60 =$
22	$6,300 \div 300 =$	44	$37,800 \div 900 =$

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**A**

# Correct \_\_\_\_\_

Divide.

1	$6 \div 10 =$	.	23	$25 \div 50 =$	.
2	$6 \div 20 =$	.	24	$2.5 \div 50 =$	.
3	$6 \div 60 =$	.	25	$4.5 \div 50 =$	.
4	$8 \div 10 =$	.	26	$4.5 \div 90 =$	.
5	$8 \div 40 =$	.	27	$0.45 \div 90 =$	.
6	$8 \div 20 =$	.	28	$0.45 \div 50 =$	.
7	$4 \div 10 =$	.	29	$0.24 \div 60 =$	.
8	$4 \div 20 =$	.	30	$0.63 \div 90 =$	.
9	$4 \div 40 =$	.	31	$0.48 \div 80 =$	.
10	$9 \div 3 =$	.	32	$0.49 \div 70 =$	.
11	$9 \div 30 =$	.	33	$6 \div 30 =$	.
12	$12 \div 3 =$	.	34	$14 \div 70 =$	.
13	$12 \div 30 =$	.	35	$72 \div 90 =$	.
14	$12 \div 40 =$	.	36	$6.4 \div 80 =$	.
15	$12 \div 60 =$	.	37	$0.48 \div 40 =$	.
16	$12 \div 20 =$	.	38	$0.36 \div 30 =$	.
17	$15 \div 3 =$	.	39	$0.55 \div 50 =$	.
18	$15 \div 30 =$	.	40	$1.36 \div 40 =$	.
19	$15 \div 50 =$	.	41	$2.04 \div 60 =$	.
20	$18 \div 30 =$	.	42	$4.48 \div 70 =$	.
21	$24 \div 30 =$	.	43	$6.16 \div 80 =$	.
22	$16 \div 40 =$	.	44	$5.22 \div 90 =$	.

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**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Divide.

1	$4 \div 10 =$	.	23	$25 \div 50 =$	.
2	$4 \div 20 =$	.	24	$2.5 \div 50 =$	.
3	$4 \div 40 =$	.	25	$3.5 \div 50 =$	.
4	$8 \div 10 =$	.	26	$3.5 \div 70 =$	.
5	$8 \div 20 =$	.	27	$0.35 \div 70 =$	.
6	$8 \div 40 =$	.	28	$0.35 \div 50 =$	.
7	$9 \div 10 =$	.	29	$0.42 \div 60 =$	.
8	$9 \div 30 =$	.	30	$0.54 \div 90 =$	.
9	$9 \div 90 =$	.	31	$0.56 \div 80 =$	.
10	$6 \div 2 =$	.	32	$0.63 \div 70 =$	.
11	$6 \div 20 =$	.	33	$6 \div 30 =$	.
12	$12 \div 2 =$	.	34	$18 \div 90 =$	.
13	$12 \div 20 =$	.	35	$72 \div 80 =$	.
14	$12 \div 30 =$	.	36	$4.8 \div 80 =$	.
15	$12 \div 40 =$	.	37	$0.36 \div 30 =$	.
16	$12 \div 60 =$	.	38	$0.48 \div 40 =$	.
17	$15 \div 5 =$	.	39	$0.65 \div 50 =$	.
18	$15 \div 50 =$	.	40	$1.38 \div 30 =$	.
19	$15 \div 30 =$	.	41	$2.64 \div 60 =$	.
20	$21 \div 30 =$	.	42	$5.18 \div 70 =$	.
21	$27 \div 30 =$	.	43	$6.96 \div 80 =$	.
22	$36 \div 60 =$	.	44	$6.12 \div 90 =$	.

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**A**

# Correct \_\_\_\_\_

Write the missing factor.

1	$10 = 5 \times \underline{\hspace{1cm}}$		23	$28 = 7 \times \underline{\hspace{1cm}}$	
2	$10 = 2 \times \underline{\hspace{1cm}}$		24	$28 = 2 \times 2 \times \underline{\hspace{1cm}}$	
3	$8 = 4 \times \underline{\hspace{1cm}}$		25	$28 = 2 \times \underline{\hspace{1cm}} \times 2$	
4	$9 = 3 \times \underline{\hspace{1cm}}$		26	$28 = \underline{\hspace{1cm}} \times 2 \times 2$	
5	$6 = 2 \times \underline{\hspace{1cm}}$		27	$36 = 3 \times 3 \times \underline{\hspace{1cm}}$	
6	$6 = 3 \times \underline{\hspace{1cm}}$		28	$9 \times 4 = 3 \times 3 \times \underline{\hspace{1cm}}$	
7	$12 = 6 \times \underline{\hspace{1cm}}$		29	$9 \times 4 = 6 \times \underline{\hspace{1cm}}$	
8	$12 = 3 \times \underline{\hspace{1cm}}$		30	$9 \times 4 = 3 \times 2 \times \underline{\hspace{1cm}}$	
9	$12 = 4 \times \underline{\hspace{1cm}}$		31	$8 \times 6 = 4 \times \underline{\hspace{1cm}} \times 2$	
10	$12 = 2 \times 2 \times \underline{\hspace{1cm}}$		32	$9 \times 9 = 3 \times \underline{\hspace{1cm}} \times 3$	
11	$12 = 3 \times 2 \times \underline{\hspace{1cm}}$		33	$8 \times 8 = \underline{\hspace{1cm}} \times 8$	
12	$20 = 5 \times 2 \times \underline{\hspace{1cm}}$		34	$7 \times 7 = \underline{\hspace{1cm}} \times 7$	
13	$20 = 5 \times 2 \times \underline{\hspace{1cm}}$		35	$8 \times 3 = \underline{\hspace{1cm}} \times 6$	
14	$16 = 8 \times \underline{\hspace{1cm}}$		36	$16 \times 2 = \underline{\hspace{1cm}} \times 4$	
15	$16 = 4 \times 2 \times \underline{\hspace{1cm}}$		37	$2 \times 18 = \underline{\hspace{1cm}} \times 9$	
16	$24 = 8 \times \underline{\hspace{1cm}}$		38	$28 \times 2 = \underline{\hspace{1cm}} \times 8$	
17	$24 = 4 \times 2 \times \underline{\hspace{1cm}}$		39	$24 \times 3 = \underline{\hspace{1cm}} \times 9$	
18	$24 = 4 \times \underline{\hspace{1cm}} \times 2$		40	$6 \times 8 = \underline{\hspace{1cm}} \times 12$	
19	$24 = 3 \times 2 \times \underline{\hspace{1cm}}$		41	$27 \times 3 = \underline{\hspace{1cm}} \times 9$	
20	$24 = 3 \times \underline{\hspace{1cm}} \times 2$		42	$12 \times 6 = \underline{\hspace{1cm}} \times 8$	
21	$6 \times 4 = 8 \times \underline{\hspace{1cm}}$		43	$54 \times 2 = \underline{\hspace{1cm}} \times 12$	
22	$6 \times 4 = 4 \times 2 \times \underline{\hspace{1cm}}$		44	$9 \times 13 = \underline{\hspace{1cm}} \times 39$	

# B Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Write the missing factor.

1	$6 = 2 \times \underline{\hspace{1cm}}$		23	$28 = 4 \times \underline{\hspace{1cm}}$	
2	$6 = 3 \times \underline{\hspace{1cm}}$		24	$28 = 2 \times 2 \times \underline{\hspace{1cm}}$	
3	$9 = 3 \times \underline{\hspace{1cm}}$		25	$28 = 2 \times \underline{\hspace{1cm}} \times 2$	
4	$8 = 4 \times \underline{\hspace{1cm}}$		26	$28 = \underline{\hspace{1cm}} \times 2 \times 2$	
5	$10 = 5 \times \underline{\hspace{1cm}}$		27	$36 = 2 \times 2 \times \underline{\hspace{1cm}}$	
6	$10 = 2 \times \underline{\hspace{1cm}}$		28	$9 \times 4 = 2 \times 2 \times \underline{\hspace{1cm}}$	
7	$20 = 10 \times \underline{\hspace{1cm}}$		29	$9 \times 4 = 6 \times \underline{\hspace{1cm}}$	
8	$20 = 5 \times 2 \times \underline{\hspace{1cm}}$		30	$9 \times 4 = 2 \times 3 \times \underline{\hspace{1cm}}$	
9	$12 = 6 \times \underline{\hspace{1cm}}$		31	$8 \times 6 = 4 \times \underline{\hspace{1cm}} \times 2$	
10	$12 = 3 \times \underline{\hspace{1cm}}$		32	$8 \times 8 = 4 \times \underline{\hspace{1cm}} \times 2$	
11	$12 = 4 \times \underline{\hspace{1cm}}$		33	$9 \times 9 = \underline{\hspace{1cm}} \times 9$	
12	$12 = 2 \times 2 \times \underline{\hspace{1cm}}$		34	$6 \times 6 = \underline{\hspace{1cm}} \times 6$	
13	$12 = 3 \times 2 \times \underline{\hspace{1cm}}$		35	$6 \times 4 = \underline{\hspace{1cm}} \times 8$	
14	$24 = 8 \times \underline{\hspace{1cm}}$		36	$16 \times 2 = \underline{\hspace{1cm}} \times 8$	
15	$24 = 4 \times 2 \times \underline{\hspace{1cm}}$		37	$2 \times 18 = \underline{\hspace{1cm}} \times 4$	
16	$24 = 4 \times \underline{\hspace{1cm}} \times 2$		38	$28 \times 2 = \underline{\hspace{1cm}} \times 7$	
17	$24 = 3 \times 2 \times \underline{\hspace{1cm}}$		39	$24 \times 3 = \underline{\hspace{1cm}} \times 8$	
18	$24 = 3 \times \underline{\hspace{1cm}} \times 2$		40	$8 \times 6 = \underline{\hspace{1cm}} \times 4$	
19	$16 = 8 \times \underline{\hspace{1cm}}$		41	$12 \times 6 = \underline{\hspace{1cm}} \times 9$	
20	$16 = 4 \times 2 \times \underline{\hspace{1cm}}$		42	$27 \times 3 = \underline{\hspace{1cm}} \times 9$	
21	$8 \times 2 = 4 \times \underline{\hspace{1cm}}$		43	$54 \times 2 = \underline{\hspace{1cm}} \times 9$	
22	$8 \times 2 = 2 \times 2 \times \underline{\hspace{1cm}}$		44	$8 \times 13 = \underline{\hspace{1cm}} \times 26$	

A

# Correct \_\_\_\_\_

Find the missing numerator or denominator.

1	$\frac{1}{2} = \frac{\quad}{4}$		23	$\frac{1}{3} = \frac{\quad}{12}$	
2	$\frac{1}{5} = \frac{2}{\quad}$		24	$\frac{2}{3} = \frac{\quad}{12}$	
3	$\frac{2}{5} = \frac{\quad}{10}$		25	$\frac{8}{12} = \frac{\quad}{3}$	
4	$\frac{3}{5} = \frac{\quad}{10}$		26	$\frac{12}{16} = \frac{3}{\quad}$	
5	$\frac{4}{5} = \frac{\quad}{10}$		27	$\frac{3}{5} = \frac{\quad}{25}$	
6	$\frac{1}{3} = \frac{2}{\quad}$		28	$\frac{4}{5} = \frac{28}{\quad}$	
7	$\frac{2}{3} = \frac{\quad}{6}$		29	$\frac{18}{24} = \frac{3}{\quad}$	
8	$\frac{1}{3} = \frac{3}{\quad}$		30	$\frac{24}{30} = \frac{\quad}{5}$	
9	$\frac{2}{3} = \frac{\quad}{9}$		31	$\frac{5}{6} = \frac{35}{\quad}$	
10	$\frac{1}{4} = \frac{\quad}{8}$		32	$\frac{56}{63} = \frac{\quad}{9}$	
11	$\frac{3}{4} = \frac{\quad}{8}$		33	$\frac{64}{72} = \frac{8}{\quad}$	
12	$\frac{1}{4} = \frac{3}{\quad}$		34	$\frac{5}{8} = \frac{\quad}{64}$	
13	$\frac{3}{4} = \frac{9}{\quad}$		35	$\frac{5}{6} = \frac{45}{\quad}$	
14	$\frac{2}{4} = \frac{\quad}{2}$		36	$\frac{45}{81} = \frac{\quad}{9}$	
15	$\frac{2}{6} = \frac{1}{\quad}$		37	$\frac{6}{7} = \frac{48}{\quad}$	
16	$\frac{2}{10} = \frac{1}{\quad}$		38	$\frac{36}{81} = \frac{\quad}{9}$	
17	$\frac{4}{10} = \frac{\quad}{5}$		39	$\frac{8}{56} = \frac{1}{\quad}$	
18	$\frac{8}{10} = \frac{\quad}{5}$		40	$\frac{35}{63} = \frac{5}{\quad}$	
19	$\frac{3}{9} = \frac{\quad}{3}$		41	$\frac{1}{6} = \frac{12}{\quad}$	
20	$\frac{6}{9} = \frac{\quad}{3}$		42	$\frac{3}{7} = \frac{36}{\quad}$	
21	$\frac{3}{12} = \frac{1}{\quad}$		43	$\frac{48}{60} = \frac{4}{\quad}$	
22	$\frac{9}{12} = \frac{\quad}{4}$		44	$\frac{72}{84} = \frac{\quad}{7}$	

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**B** Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Find the missing numerator or denominator.

1	$\frac{1}{5} = \frac{2}{\quad}$		23	$\frac{1}{3} = \frac{4}{\quad}$	
2	$\frac{2}{5} = \frac{\quad}{10}$		24	$\frac{2}{3} = \frac{8}{\quad}$	
3	$\frac{3}{5} = \frac{\quad}{10}$		25	$\frac{8}{12} = \frac{2}{\quad}$	
4	$\frac{4}{5} = \frac{\quad}{10}$		26	$\frac{12}{16} = \frac{\quad}{4}$	
5	$\frac{1}{2} = \frac{2}{\quad}$		27	$\frac{3}{5} = \frac{15}{\quad}$	
6	$\frac{1}{3} = \frac{\quad}{6}$		28	$\frac{4}{5} = \frac{\quad}{35}$	
7	$\frac{2}{3} = \frac{4}{\quad}$		29	$\frac{18}{24} = \frac{\quad}{4}$	
8	$\frac{1}{3} = \frac{\quad}{9}$		30	$\frac{24}{30} = \frac{4}{\quad}$	
9	$\frac{2}{3} = \frac{6}{\quad}$		31	$\frac{5}{6} = \frac{\quad}{42}$	
10	$\frac{1}{4} = \frac{2}{\quad}$		32	$\frac{56}{63} = \frac{8}{\quad}$	
11	$\frac{3}{4} = \frac{6}{\quad}$		33	$\frac{64}{72} = \frac{\quad}{9}$	
12	$\frac{1}{4} = \frac{\quad}{12}$		34	$\frac{5}{8} = \frac{40}{\quad}$	
13	$\frac{3}{4} = \frac{\quad}{12}$		35	$\frac{5}{6} = \frac{\quad}{54}$	
14	$\frac{2}{4} = \frac{1}{\quad}$		36	$\frac{45}{81} = \frac{5}{\quad}$	
15	$\frac{2}{6} = \frac{\quad}{3}$		37	$\frac{6}{7} = \frac{\quad}{56}$	
16	$\frac{2}{10} = \frac{\quad}{5}$		38	$\frac{36}{81} = \frac{4}{\quad}$	
17	$\frac{4}{10} = \frac{2}{\quad}$		39	$\frac{8}{56} = \frac{\quad}{7}$	
18	$\frac{8}{10} = \frac{4}{\quad}$		40	$\frac{35}{63} = \frac{\quad}{9}$	
19	$\frac{3}{9} = \frac{1}{\quad}$		41	$\frac{1}{6} = \frac{\quad}{72}$	
20	$\frac{6}{9} = \frac{2}{\quad}$		42	$\frac{3}{7} = \frac{\quad}{84}$	
21	$\frac{1}{4} = \frac{\quad}{12}$		43	$\frac{48}{60} = \frac{\quad}{5}$	
22	$\frac{9}{12} = \frac{3}{\quad}$		44	$\frac{72}{84} = \frac{6}{\quad}$	

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**A** # Correct \_\_\_\_\_

Find the missing numerator or denominator.

1	$\frac{1}{2} = \frac{\quad}{4}$		23	$\frac{1}{3} = \frac{\quad}{12}$	
2	$\frac{1}{5} = \frac{2}{\quad}$		24	$\frac{2}{3} = \frac{\quad}{12}$	
3	$\frac{2}{5} = \frac{\quad}{10}$		25	$\frac{8}{12} = \frac{\quad}{3}$	
4	$\frac{3}{5} = \frac{\quad}{10}$		26	$\frac{12}{16} = \frac{3}{\quad}$	
5	$\frac{4}{5} = \frac{\quad}{10}$		27	$\frac{3}{5} = \frac{\quad}{25}$	
6	$\frac{1}{3} = \frac{2}{\quad}$		28	$\frac{4}{5} = \frac{28}{\quad}$	
7	$\frac{2}{3} = \frac{\quad}{6}$		29	$\frac{18}{24} = \frac{3}{\quad}$	
8	$\frac{1}{3} = \frac{3}{\quad}$		30	$\frac{24}{30} = \frac{\quad}{5}$	
9	$\frac{2}{3} = \frac{\quad}{9}$		31	$\frac{5}{6} = \frac{35}{\quad}$	
10	$\frac{1}{4} = \frac{\quad}{8}$		32	$\frac{56}{63} = \frac{\quad}{9}$	
11	$\frac{3}{4} = \frac{\quad}{8}$		33	$\frac{64}{72} = \frac{8}{\quad}$	
12	$\frac{1}{4} = \frac{3}{\quad}$		34	$\frac{5}{8} = \frac{\quad}{64}$	
13	$\frac{3}{4} = \frac{9}{\quad}$		35	$\frac{5}{6} = \frac{45}{\quad}$	
14	$\frac{2}{4} = \frac{\quad}{2}$		36	$\frac{45}{81} = \frac{\quad}{9}$	
15	$\frac{2}{6} = \frac{1}{\quad}$		37	$\frac{6}{7} = \frac{48}{\quad}$	
16	$\frac{2}{10} = \frac{1}{\quad}$		38	$\frac{36}{81} = \frac{\quad}{9}$	
17	$\frac{4}{10} = \frac{\quad}{5}$		39	$\frac{8}{56} = \frac{1}{\quad}$	
18	$\frac{8}{10} = \frac{\quad}{5}$		40	$\frac{35}{63} = \frac{5}{\quad}$	
19	$\frac{3}{9} = \frac{\quad}{3}$		41	$\frac{1}{6} = \frac{12}{\quad}$	
20	$\frac{6}{9} = \frac{\quad}{3}$		42	$\frac{3}{7} = \frac{36}{\quad}$	
21	$\frac{3}{12} = \frac{1}{\quad}$		43	$\frac{48}{60} = \frac{4}{\quad}$	
22	$\frac{9}{12} = \frac{\quad}{4}$		44	$\frac{72}{84} = \frac{\quad}{7}$	

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Lesson 3:

Add fractions with unlike units using the strategy of creating equivalent fractions.

Date:

8/7/13

engage<sup>ny</sup>

3.B.12

**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Find the missing numerator or denominator.

1	$\frac{1}{5} = \frac{2}{-}$		23	$\frac{1}{3} = \frac{4}{-}$	
2	$\frac{2}{5} = \frac{-}{10}$		24	$\frac{2}{3} = \frac{8}{-}$	
3	$\frac{3}{5} = \frac{-}{10}$		25	$\frac{8}{12} = \frac{2}{-}$	
4	$\frac{4}{5} = \frac{-}{10}$		26	$\frac{12}{16} = \frac{-}{4}$	
5	$\frac{1}{2} = \frac{2}{-}$		27	$\frac{3}{5} = \frac{15}{-}$	
6	$\frac{1}{3} = \frac{-}{6}$		28	$\frac{4}{5} = \frac{-}{35}$	
7	$\frac{2}{3} = \frac{4}{-}$		29	$\frac{18}{24} = \frac{-}{4}$	
8	$\frac{1}{3} = \frac{-}{9}$		30	$\frac{24}{30} = \frac{4}{-}$	
9	$\frac{2}{3} = \frac{6}{-}$		31	$\frac{5}{6} = \frac{-}{42}$	
10	$\frac{1}{4} = \frac{2}{-}$		32	$\frac{56}{63} = \frac{8}{-}$	
11	$\frac{3}{4} = \frac{6}{-}$		33	$\frac{64}{72} = \frac{-}{9}$	
12	$\frac{1}{4} = \frac{-}{12}$		34	$\frac{5}{8} = \frac{40}{-}$	
13	$\frac{3}{4} = \frac{-}{12}$		35	$\frac{5}{6} = \frac{-}{54}$	
14	$\frac{2}{4} = \frac{1}{-}$		36	$\frac{45}{81} = \frac{5}{-}$	
15	$\frac{2}{6} = \frac{-}{3}$		37	$\frac{6}{7} = \frac{-}{56}$	
16	$\frac{2}{10} = \frac{-}{5}$		38	$\frac{36}{81} = \frac{4}{-}$	
17	$\frac{4}{10} = \frac{2}{-}$		39	$\frac{8}{56} = \frac{-}{7}$	
18	$\frac{8}{10} = \frac{4}{-}$		40	$\frac{35}{63} = \frac{-}{9}$	
19	$\frac{3}{9} = \frac{1}{-}$		41	$\frac{1}{6} = \frac{-}{72}$	
20	$\frac{6}{9} = \frac{2}{-}$		42	$\frac{3}{7} = \frac{-}{84}$	
21	$\frac{1}{4} = \frac{-}{12}$		43	$\frac{48}{60} = \frac{-}{5}$	
22	$\frac{9}{12} = \frac{3}{-}$		44	$\frac{72}{84} = \frac{6}{-}$	

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A

# Correct \_\_\_\_\_

Subtract. Give each answer in its simplest form.

1	$4 - \frac{1}{2} =$		23	$3 - \frac{1}{8} =$	
2	$3 - \frac{1}{2} =$		24	$3 - \frac{3}{8} =$	
3	$2 - \frac{1}{2} =$		25	$3 - \frac{5}{8} =$	
4	$1 - \frac{1}{2} =$		26	$3 - \frac{7}{8} =$	
5	$1 - \frac{1}{3} =$		27	$2 - \frac{7}{8} =$	
6	$2 - \frac{1}{3} =$		28	$4 - \frac{1}{7} =$	
7	$4 - \frac{1}{3} =$		29	$3 - \frac{6}{7} =$	
8	$4 - \frac{2}{3} =$		30	$2 - \frac{3}{7} =$	
9	$2 - \frac{2}{3} =$		31	$4 - \frac{4}{7} =$	
10	$2 - \frac{1}{4} =$		32	$3 - \frac{5}{7} =$	
11	$2 - \frac{3}{4} =$		33	$4 - \frac{3}{4} =$	
12	$3 - \frac{3}{4} =$		34	$2 - \frac{5}{8} =$	
13	$3 - \frac{1}{4} =$		35	$3 - \frac{3}{10} =$	
14	$4 - \frac{3}{4} =$		36	$4 - \frac{2}{5} =$	
15	$2 - \frac{1}{10} =$		37	$4 - \frac{3}{7} =$	
16	$3 - \frac{9}{10} =$		38	$3 - \frac{7}{10} =$	
17	$2 - \frac{7}{10} =$		39	$3 - \frac{5}{10} =$	
18	$4 - \frac{3}{10} =$		40	$4 - \frac{2}{8} =$	
19	$3 - \frac{1}{5} =$		41	$2 - \frac{9}{12} =$	
20	$3 - \frac{2}{5} =$		42	$4 - \frac{2}{12} =$	
21	$3 - \frac{4}{5} =$		43	$3 - \frac{2}{6} =$	
22	$3 - \frac{3}{5} =$		44	$2 - \frac{8}{12} =$	

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Lesson 5:

Subtract fractions with unlike units using the strategy of creating equivalent fractions.

Date:

8/7/13

engage<sup>ny</sup>

3.B.38

**B** Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Subtract. Give each answer in its simplest form.

1	$1 - \frac{1}{2} =$		23	$2 - \frac{1}{8} =$	
2	$2 - \frac{1}{2} =$		24	$2 - \frac{3}{8} =$	
3	$3 - \frac{1}{2} =$		25	$2 - \frac{5}{8} =$	
4	$4 - \frac{1}{2} =$		26	$2 - \frac{7}{8} =$	
5	$1 - \frac{1}{4} =$		27	$4 - \frac{7}{8} =$	
6	$2 - \frac{1}{4} =$		28	$3 - \frac{1}{7} =$	
7	$4 - \frac{1}{4} =$		29	$2 - \frac{6}{7} =$	
8	$4 - \frac{3}{4} =$		30	$4 - \frac{3}{7} =$	
9	$2 - \frac{3}{4} =$		31	$3 - \frac{4}{7} =$	
10	$2 - \frac{1}{3} =$		32	$2 - \frac{5}{7} =$	
11	$2 - \frac{2}{3} =$		33	$3 - \frac{3}{4} =$	
12	$3 - \frac{2}{3} =$		34	$4 - \frac{5}{8} =$	
13	$3 - \frac{1}{3} =$		35	$2 - \frac{3}{10} =$	
14	$4 - \frac{2}{3} =$		36	$3 - \frac{2}{5} =$	
15	$3 - \frac{1}{10} =$		37	$3 - \frac{3}{7} =$	
16	$2 - \frac{9}{10} =$		38	$2 - \frac{7}{10} =$	
17	$4 - \frac{7}{10} =$		39	$2 - \frac{5}{10} =$	
18	$3 - \frac{3}{10} =$		40	$3 - \frac{6}{8} =$	
19	$2 - \frac{1}{5} =$		41	$4 - \frac{3}{12} =$	
20	$2 - \frac{2}{5} =$		42	$3 - \frac{10}{12} =$	
21	$2 - \frac{4}{5} =$		43	$2 - \frac{4}{6} =$	
22	$3 - \frac{3}{5} =$		44	$4 - \frac{4}{12} =$	

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A

# Correct \_\_\_\_\_

Express as an improper fraction.

1	$1\frac{1}{5} =$	/	23	$2\frac{7}{10} =$	/
2	$2\frac{1}{5} =$	/	24	$4\frac{9}{10} =$	/
3	$3\frac{1}{5} =$	/	25	$1\frac{1}{8} =$	/
4	$4\frac{1}{5} =$	/	26	$1\frac{5}{6} =$	/
5	$1\frac{1}{4} =$	/	27	$4\frac{5}{6} =$	/
6	$1\frac{3}{4} =$	/	28	$4\frac{5}{8} =$	/
7	$1\frac{2}{5} =$	/	29	$1\frac{5}{8} =$	/
8	$1\frac{3}{5} =$	/	30	$2\frac{3}{8} =$	/
9	$1\frac{4}{5} =$	/	31	$3\frac{3}{10} =$	/
10	$2\frac{4}{5} =$	/	32	$4\frac{7}{10} =$	/
11	$3\frac{4}{5} =$	/	33	$4\frac{4}{5} =$	/
12	$2\frac{1}{4} =$	/	34	$4\frac{1}{8} =$	/
13	$2\frac{3}{4} =$	/	35	$4\frac{3}{8} =$	/
14	$3\frac{1}{4} =$	/	36	$4\frac{7}{8} =$	/
15	$3\frac{3}{4} =$	/	37	$1\frac{5}{12} =$	/
16	$4\frac{1}{3} =$	/	38	$1\frac{7}{12} =$	/
17	$4\frac{2}{3} =$	/	39	$2\frac{1}{12} =$	/
18	$2\frac{3}{5} =$	/	40	$3\frac{1}{12} =$	/
19	$3\frac{3}{5} =$	/	41	$2\frac{7}{12} =$	/
20	$4\frac{3}{5} =$	/	42	$3\frac{5}{12} =$	/
21	$2\frac{1}{6} =$	/	43	$3\frac{11}{12} =$	/
22	$3\frac{1}{8} =$	/	44	$4\frac{7}{12} =$	/

**B**

# Correct \_\_\_\_\_

Express as an improper fraction.

1	$1\frac{1}{2} =$	/	23	$2\frac{3}{10} =$	/
2	$2\frac{1}{2} =$	/	24	$3\frac{1}{10} =$	/
3	$3\frac{1}{2} =$	/	25	$1\frac{1}{6} =$	/
4	$4\frac{1}{2} =$	/	26	$1\frac{3}{8} =$	/
5	$1\frac{1}{3} =$	/	27	$3\frac{5}{6} =$	/
6	$1\frac{2}{3} =$	/	28	$3\frac{5}{8} =$	/
7	$1\frac{3}{10} =$	/	29	$2\frac{5}{8} =$	/
8	$1\frac{7}{10} =$	/	30	$1\frac{7}{8} =$	/
9	$1\frac{9}{10} =$	/	31	$4\frac{3}{10} =$	/
10	$2\frac{9}{10} =$	/	32	$3\frac{7}{10} =$	/
11	$3\frac{9}{10} =$	/	33	$2\frac{5}{6} =$	/
12	$2\frac{1}{3} =$	/	34	$2\frac{7}{8} =$	/
13	$2\frac{2}{3} =$	/	35	$3\frac{7}{8} =$	/
14	$3\frac{1}{3} =$	/	36	$4\frac{1}{6} =$	/
15	$3\frac{2}{3} =$	/	37	$1\frac{1}{12} =$	/
16	$4\frac{1}{4} =$	/	38	$1\frac{11}{12} =$	/
17	$4\frac{3}{4} =$	/	39	$4\frac{1}{12} =$	/
18	$2\frac{2}{5} =$	/	40	$2\frac{5}{12} =$	/
19	$3\frac{2}{5} =$	/	41	$2\frac{11}{12} =$	/
20	$4\frac{2}{5} =$	/	42	$3\frac{7}{12} =$	/
21	$3\frac{1}{6} =$	/	43	$4\frac{5}{12} =$	/
22	$2\frac{1}{8} =$	/	44	$4\frac{11}{12} =$	/

A

# Correct \_\_\_\_\_

Circle the equivalent fraction.

1	$\frac{2}{4} =$	$\frac{1}{2}$	$\frac{1}{3}$	23	$\frac{9}{27} =$	$\frac{2}{3}$	$\frac{1}{3}$	$\frac{1}{4}$
2	$\frac{2}{6} =$	$\frac{1}{2}$	$\frac{1}{3}$	24	$\frac{9}{63} =$	$\frac{1}{6}$	$\frac{1}{7}$	$\frac{1}{8}$
3	$\frac{2}{8} =$	$\frac{1}{2}$	$\frac{1}{4}$	25	$\frac{8}{12} =$	$\frac{2}{3}$	$\frac{3}{4}$	$\frac{4}{5}$
4	$\frac{5}{10} =$	$\frac{1}{2}$	$\frac{1}{4}$	26	$\frac{8}{16} =$	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$
5	$\frac{5}{15} =$	$\frac{1}{2}$	$\frac{1}{3}$	27	$\frac{8}{24} =$	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$
6	$\frac{5}{20} =$	$\frac{1}{2}$	$\frac{1}{4}$	28	$\frac{8}{64} =$	$\frac{1}{7}$	$\frac{1}{8}$	$\frac{1}{9}$
7	$\frac{4}{8} =$	$\frac{1}{2}$	$\frac{1}{4}$	29	$\frac{12}{18} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
8	$\frac{4}{12} =$	$\frac{1}{2}$	$\frac{1}{3}$	30	$\frac{12}{16} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
9	$\frac{4}{16} =$	$\frac{1}{2}$	$\frac{1}{4}$	31	$\frac{9}{12} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
10	$\frac{3}{6} =$	$\frac{1}{2}$	$\frac{1}{3}$	32	$\frac{6}{8} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
11	$\frac{3}{9} =$	$\frac{1}{2}$	$\frac{1}{3}$	33	$\frac{10}{12} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
12	$\frac{3}{12} =$	$\frac{1}{2}$	$\frac{1}{4}$	34	$\frac{15}{18} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
13	$\frac{4}{6} =$	$\frac{2}{3}$	$\frac{1}{3}$	35	$\frac{8}{10} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
14	$\frac{6}{12} =$	$\frac{2}{3}$	$\frac{1}{2}$	36	$\frac{16}{20} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
15	$\frac{6}{18} =$	$\frac{2}{3}$	$\frac{1}{3}$	37	$\frac{12}{15} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
16	$\frac{6}{30} =$	$\frac{1}{5}$	$\frac{1}{3}$	38	$\frac{18}{27} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
17	$\frac{6}{9} =$	$\frac{2}{3}$	$\frac{1}{3}$	39	$\frac{27}{36} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
18	$\frac{7}{14} =$	$\frac{1}{2}$	$\frac{1}{3}$	40	$\frac{32}{40} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
19	$\frac{7}{21} =$	$\frac{1}{2}$	$\frac{1}{3}$	41	$\frac{45}{54} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{5}{6}$
20	$\frac{7}{42} =$	$\frac{1}{6}$	$\frac{1}{7}$	42	$\frac{24}{36} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
21	$\frac{8}{12} =$	$\frac{2}{3}$	$\frac{3}{4}$	43	$\frac{60}{72} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
22	$\frac{9}{18} =$	$\frac{1}{2}$	$\frac{1}{3}$	44	$\frac{48}{60} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{5}{6}$

**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Circle the equivalent fraction.

1	$\frac{5}{10} =$	$\frac{1}{2}$	$\frac{1}{3}$	23	$\frac{8}{24} =$	$\frac{2}{3}$	$\frac{1}{3}$	$\frac{1}{4}$
2	$\frac{5}{15} =$	$\frac{1}{2}$	$\frac{1}{3}$	24	$\frac{8}{56} =$	$\frac{1}{6}$	$\frac{1}{7}$	$\frac{1}{8}$
3	$\frac{5}{20} =$	$\frac{1}{2}$	$\frac{1}{4}$	25	$\frac{8}{12} =$	$\frac{2}{3}$	$\frac{3}{4}$	$\frac{4}{5}$
4	$\frac{2}{4} =$	$\frac{1}{2}$	$\frac{1}{3}$	26	$\frac{9}{18} =$	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$
5	$\frac{2}{6} =$	$\frac{1}{2}$	$\frac{1}{3}$	27	$\frac{9}{27} =$	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$
6	$\frac{2}{8} =$	$\frac{1}{2}$	$\frac{1}{4}$	28	$\frac{9}{72} =$	$\frac{1}{7}$	$\frac{1}{8}$	$\frac{1}{9}$
7	$\frac{3}{6} =$	$\frac{1}{2}$	$\frac{1}{3}$	29	$\frac{12}{18} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
8	$\frac{3}{9} =$	$\frac{1}{2}$	$\frac{1}{3}$	30	$\frac{6}{8} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
9	$\frac{3}{12} =$	$\frac{1}{4}$	$\frac{1}{3}$	31	$\frac{9}{12} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
10	$\frac{4}{8} =$	$\frac{1}{2}$	$\frac{1}{3}$	32	$\frac{12}{16} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
11	$\frac{4}{12} =$	$\frac{1}{2}$	$\frac{1}{3}$	33	$\frac{8}{10} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
12	$\frac{4}{16} =$	$\frac{1}{4}$	$\frac{1}{3}$	34	$\frac{16}{20} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
13	$\frac{4}{6} =$	$\frac{2}{3}$	$\frac{1}{2}$	35	$\frac{12}{15} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
14	$\frac{7}{14} =$	$\frac{2}{3}$	$\frac{1}{2}$	36	$\frac{10}{12} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{5}{6}$
15	$\frac{7}{21} =$	$\frac{1}{5}$	$\frac{1}{3}$	37	$\frac{15}{18} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$
16	$\frac{7}{35} =$	$\frac{1}{5}$	$\frac{1}{3}$	38	$\frac{16}{24} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
17	$\frac{6}{9} =$	$\frac{2}{3}$	$\frac{1}{3}$	39	$\frac{24}{32} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
18	$\frac{6}{12} =$	$\frac{1}{2}$	$\frac{1}{3}$	40	$\frac{36}{45} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
19	$\frac{6}{18} =$	$\frac{1}{6}$	$\frac{1}{3}$	41	$\frac{40}{48} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{5}{6}$
20	$\frac{6}{36} =$	$\frac{1}{6}$	$\frac{1}{3}$	42	$\frac{24}{36} =$	$\frac{3}{4}$	$\frac{4}{5}$	$\frac{2}{3}$
21	$\frac{8}{12} =$	$\frac{2}{3}$	$\frac{3}{4}$	43	$\frac{48}{60} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{4}{5}$
22	$\frac{8}{16} =$	$\frac{1}{2}$	$\frac{1}{3}$	44	$\frac{60}{72} =$	$\frac{3}{4}$	$\frac{5}{6}$	$\frac{2}{3}$



A

# Correct \_\_\_\_\_

Add or subtract.

1	$\frac{1}{5} + \frac{1}{5} =$	/	23	$\frac{1}{9} + \frac{1}{9} + \frac{1}{9} =$	/
2	$\frac{1}{10} + \frac{5}{10} =$	/	24	$\frac{1}{9} + \frac{3}{9} + \frac{1}{9} =$	/
3	$\frac{1}{10} + \frac{7}{10} =$	/	25	$\frac{4}{9} - \frac{1}{9} - \frac{3}{9} =$	/
4	$\frac{2}{5} + \frac{2}{5} =$	/	26	$\frac{1}{4} + \frac{2}{4} + \frac{1}{4} =$	/
5	$\frac{5}{10} - \frac{4}{10} =$	/	27	$\frac{1}{8} + \frac{3}{8} + \frac{2}{8} =$	/
6	$\frac{3}{5} - \frac{1}{5} =$	/	28	$\frac{5}{12} + \frac{1}{12} + \frac{5}{12} =$	/
7	$\frac{3}{10} + \frac{3}{10} =$	/	29	$\frac{2}{9} + \frac{3}{9} + \frac{2}{9} =$	/
8	$\frac{4}{5} - \frac{1}{5} =$	/	30	$\frac{3}{10} - \frac{3}{10} + \frac{3}{10} =$	/
9	$\frac{1}{4} + \frac{1}{4} =$	/	31	$\frac{3}{5} - \frac{1}{5} - \frac{1}{5} =$	/
10	$\frac{1}{4} + \frac{2}{4} =$	/	32	$\frac{1}{6} + \frac{2}{6} =$	/
11	$\frac{3}{12} - \frac{2}{12} =$	/	33	$\frac{3}{12} + \frac{4}{12} =$	/
12	$\frac{1}{4} + \frac{3}{4} =$	/	34	$\frac{3}{12} + \frac{6}{12} =$	/
13	$\frac{1}{12} + \frac{1}{12} =$	/	35	$\frac{4}{8} + \frac{2}{8} =$	/
14	$\frac{1}{3} + \frac{1}{3} =$	/	36	$\frac{4}{12} + \frac{1}{12} =$	/
15	$\frac{3}{12} - \frac{2}{12} =$	/	37	$\frac{1}{5} + \frac{3}{5} =$	/
16	$\frac{5}{12} + \frac{6}{12} =$	/	38	$\frac{2}{5} + \frac{2}{5} =$	/
17	$\frac{7}{12} + \frac{4}{12} =$	/	39	$\frac{1}{6} + \frac{2}{6} =$	/
18	$\frac{4}{6} - \frac{1}{6} =$	/	40	$\frac{5}{12} - \frac{3}{12} =$	/
19	$\frac{1}{6} + \frac{2}{6} =$	/	41	$\frac{7}{15} - \frac{2}{15} =$	/
20	$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} =$	/	42	$\frac{7}{15} - \frac{3}{15} =$	/
21	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$	/	43	$\frac{11}{15} - \frac{2}{15} =$	/
22	$\frac{1}{12} + \frac{1}{12} + \frac{1}{12} =$	/	44	$\frac{2}{15} + \frac{4}{15} =$	/

**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Add or subtract.

1	$\frac{1}{2} + \frac{1}{2} =$	/	23	$\frac{1}{12} + \frac{6}{12} + \frac{2}{12} =$	/
2	$\frac{2}{8} + \frac{1}{8} =$	/	24	$\frac{4}{12} + \frac{3}{12} + \frac{3}{12} =$	/
3	$\frac{2}{8} + \frac{3}{8} =$	/	25	$\frac{8}{12} - \frac{4}{12} - \frac{4}{12} =$	/
4	$\frac{2}{12} - \frac{1}{12} =$	/	26	$\frac{1}{10} + \frac{2}{10} + \frac{4}{10} =$	/
5	$\frac{5}{12} + \frac{2}{12} =$	/	27	$\frac{1}{10} + \frac{1}{10} + \frac{6}{10} =$	/
6	$\frac{4}{8} + \frac{3}{8} =$	/	28	$\frac{4}{6} + \frac{1}{6} + \frac{1}{6} =$	/
7	$\frac{4}{8} - \frac{3}{8} =$	/	29	$\frac{2}{12} + \frac{3}{12} + \frac{4}{12} =$	/
8	$\frac{1}{8} + \frac{5}{8} =$	/	30	$\frac{2}{10} + \frac{4}{10} + \frac{4}{10} =$	/
9	$\frac{3}{4} - \frac{1}{4} =$	/	31	$\frac{3}{10} + \frac{1}{10} + \frac{2}{10} =$	/
10	$\frac{3}{6} - \frac{3}{6} =$	/	32	$\frac{4}{6} - \frac{2}{6} =$	/
11	$\frac{3}{9} + \frac{3}{9} =$	/	33	$\frac{3}{12} - \frac{2}{12} =$	/
12	$\frac{2}{3} + \frac{1}{3} =$	/	34	$\frac{2}{3} + \frac{1}{3} =$	/
13	$\frac{6}{9} - \frac{4}{9} =$	/	35	$\frac{2}{4} + \frac{1}{4} =$	/
14	$\frac{5}{9} - \frac{3}{9} =$	/	36	$\frac{3}{12} + \frac{2}{12} =$	/
15	$\frac{2}{9} + \frac{2}{9} =$	/	37	$\frac{1}{5} + \frac{2}{5} =$	/
16	$\frac{1}{12} + \frac{3}{12} =$	/	38	$\frac{4}{5} - \frac{4}{5} =$	/
17	$\frac{5}{12} - \frac{4}{12} =$	/	39	$\frac{5}{12} - \frac{1}{12} =$	/
18	$\frac{9}{12} - \frac{6}{12} =$	/	40	$\frac{6}{8} + \frac{2}{8} =$	/
19	$\frac{6}{10} - \frac{4}{10} =$	/	41	$\frac{2}{8} + \frac{2}{8} + \frac{2}{8} =$	/
20	$\frac{2}{8} + \frac{2}{8} + \frac{2}{8} =$	/	42	$\frac{9}{10} - \frac{7}{10} - \frac{1}{10} =$	/
21	$\frac{1}{10} + \frac{1}{10} + \frac{1}{10} =$	/	43	$\frac{2}{10} + \frac{5}{10} + \frac{2}{10} =$	/
22	$\frac{7}{10} - \frac{2}{10} - \frac{4}{10} =$	/	44	$\frac{9}{12} - \frac{1}{12} - \frac{4}{12} =$	/

A

# Correct \_\_\_\_\_

Add or subtract.

1	$3 + 1 =$	/	23	$3\frac{5}{6} + 7 =$	/
2	$3 + \frac{1}{2} =$	/	24	$7\frac{5}{6} + 3 =$	/
3	$3\frac{1}{2} + 1 =$	/	25	$10\frac{5}{6} - 3 =$	/
4	$3 - 1 =$	/	26	$10\frac{5}{6} - 7 =$	/
5	$3\frac{1}{2} - 1 =$	/	27	$3 + \frac{4}{5} + 2 =$	/
6	$4 - 2 =$	/	28	$5 + \frac{7}{8} + 4 =$	/
7	$4\frac{1}{2} - 2 =$	/	29	$7 + \frac{4}{5} - 2 =$	/
8	$5 - 2 =$	/	30	$9 + \frac{5}{12} - 5 =$	/
9	$5\frac{1}{3} - 2 =$	/	31	$7 + \frac{1}{5} + \frac{1}{5} + 2 =$	/
10	$5\frac{2}{3} - 2 =$	/	32	$7 + \frac{2}{5} + 2 =$	/
11	$5\frac{2}{3} + 2 =$	/	33	$7 + \frac{2}{5} + 2 + \frac{2}{5} =$	/
12	$6 + 2 =$	/	34	$7\frac{2}{5} + 2\frac{2}{5} =$	/
13	$6 + \frac{3}{4} =$	/	35	$6 + \frac{1}{3} + 1 + \frac{1}{3} =$	/
14	$6\frac{3}{4} + 2 =$	/	36	$6\frac{1}{3} + 1\frac{1}{3} =$	/
15	$6\frac{3}{4} - 2 =$	/	37	$6 + \frac{2}{3} - 1 =$	/
16	$6\frac{3}{4} - 3 =$	/	38	$6\frac{2}{3} - 1\frac{1}{3} =$	/
17	$6\frac{3}{4} - 4 =$	/	39	$6\frac{2}{3} - 1\frac{2}{3} =$	/
18	$6\frac{3}{4} - 6 =$	/	40	$3 + \frac{4}{7} + 1 + \frac{2}{7} =$	/
19	$6\frac{3}{4} - \frac{3}{4} =$	/	41	$3\frac{4}{7} + 1\frac{2}{7} =$	/
20	$2\frac{5}{6} + 3 =$	/	42	$7\frac{4}{5} - 2\frac{3}{5} =$	/
21	$2\frac{1}{6} + 3 =$	/	43	$7\frac{4}{5} - 2\frac{2}{5} =$	/
22	$2\frac{5}{6} + 7 =$	/	44	$13\frac{7}{9} - 7\frac{5}{9} =$	/

**B** Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Add or subtract.

1	$2 + 1 =$	/	23	$4\frac{5}{6} + 6 =$	/
2	$2 + \frac{1}{2} =$	/	24	$6\frac{5}{6} + 4 =$	/
3	$2\frac{1}{2} + 1 =$	/	25	$10\frac{5}{6} - 4 =$	/
4	$2 - 1 =$	/	26	$10\frac{5}{6} - 6 =$	/
5	$2\frac{1}{2} - 1 =$	/	27	$4 + \frac{4}{5} + 2 =$	/
6	$5 - 2 =$	/	28	$6 + \frac{7}{8} + 3 =$	/
7	$5\frac{1}{2} - 2 =$	/	29	$6 + \frac{4}{5} - 2 =$	/
8	$6 - 2 =$	/	30	$9 + \frac{5}{12} - 4 =$	/
9	$6\frac{1}{3} - 2 =$	/	31	$6 + \frac{1}{5} + \frac{1}{5} + 2 =$	/
10	$6\frac{2}{3} - 2 =$	/	32	$6 + \frac{2}{5} + 2 =$	/
11	$6\frac{2}{3} + 2 =$	/	33	$6 + \frac{2}{5} + 2 + \frac{2}{5} =$	/
12	$7 + 2 =$	/	34	$6\frac{2}{5} + 2\frac{2}{5} =$	/
13	$7 + \frac{3}{4} =$	/	35	$5 + \frac{1}{3} + 1 + \frac{1}{3} =$	/
14	$7\frac{3}{4} + 2 =$	/	36	$5\frac{1}{3} + 1\frac{1}{3} =$	/
15	$7\frac{3}{4} - 2 =$	/	37	$7 + \frac{2}{3} - 1 =$	/
16	$7\frac{3}{4} - 3 =$	/	38	$7\frac{2}{3} - 1\frac{1}{3} =$	/
17	$7\frac{3}{4} - 4 =$	/	39	$7\frac{2}{3} - 1\frac{2}{3} =$	/
18	$7\frac{3}{4} - 7 =$	/	40	$5 + \frac{4}{7} + 1 + \frac{2}{7} =$	/
19	$7\frac{3}{4} - \frac{3}{4} =$	/	41	$5\frac{4}{7} + 1\frac{2}{7} =$	/
20	$3\frac{5}{6} + 2 =$	/	42	$6 + \frac{4}{5} - 2\frac{3}{5} =$	/
21	$3\frac{1}{6} + 2 =$	/	43	$6\frac{4}{5} - 2\frac{3}{5} =$	/
22	$3\frac{5}{6} + 6 =$	/	44	$13\frac{7}{9} - 6\frac{5}{9} =$	/

A

# Correct \_\_\_\_\_

Subtract.

1	$\frac{2}{4} - \frac{1}{4} =$	/	23	$\frac{4}{5} - \frac{7}{10} =$	/
2	$\frac{1}{2} - \frac{1}{4} =$	/	24	$\frac{2}{12} - \frac{1}{12} =$	/
3	$\frac{2}{6} - \frac{1}{6} =$	/	25	$\frac{1}{6} - \frac{1}{12} =$	/
4	$\frac{1}{3} - \frac{1}{6} =$	/	26	$\frac{6}{12} - \frac{1}{12} =$	/
5	$\frac{2}{8} - \frac{1}{8} =$	/	27	$\frac{1}{2} - \frac{1}{12} =$	/
6	$\frac{1}{4} - \frac{1}{8} =$	/	28	$\frac{1}{2} - \frac{5}{12} =$	/
7	$\frac{6}{8} - \frac{1}{8} =$	/	29	$\frac{10}{12} - \frac{5}{12} =$	/
8	$\frac{3}{4} - \frac{1}{8} =$	/	30	$\frac{5}{6} - \frac{5}{12} =$	/
9	$\frac{3}{4} - \frac{3}{8} =$	/	31	$\frac{1}{3} - \frac{3}{12} =$	/
10	$\frac{5}{10} - \frac{2}{10} =$	/	32	$\frac{2}{3} - \frac{1}{12} =$	/
11	$\frac{1}{2} - \frac{2}{10} =$	/	33	$\frac{2}{3} - \frac{3}{12} =$	/
12	$\frac{1}{2} - \frac{2}{10} =$	/	34	$\frac{2}{3} - \frac{7}{12} =$	/
13	$\frac{4}{10} - \frac{1}{10} =$	/	35	$\frac{1}{4} - \frac{2}{12} =$	/
14	$\frac{2}{5} - \frac{1}{10} =$	/	36	$\frac{1}{5} - \frac{1}{15} =$	/
15	$\frac{2}{5} - \frac{3}{10} =$	/	37	$\frac{1}{3} - \frac{1}{15} =$	/
16	$\frac{6}{10} - \frac{3}{10} =$	/	38	$\frac{2}{3} - \frac{3}{15} =$	/
17	$\frac{3}{5} - \frac{3}{10} =$	/	39	$\frac{2}{5} - \frac{4}{15} =$	/
18	$\frac{3}{5} - \frac{5}{10} =$	/	40	$\frac{3}{4} - \frac{2}{12} =$	/
19	$\frac{8}{10} - \frac{1}{10} =$	/	41	$\frac{3}{4} - \frac{5}{16} =$	/
20	$\frac{4}{5} - \frac{1}{10} =$	/	42	$\frac{4}{5} - \frac{5}{15} =$	/
21	$\frac{4}{5} - \frac{5}{10} =$	/	43	$\frac{3}{4} - \frac{4}{12} =$	/
22	$\frac{4}{5} - \frac{5}{10} =$	/	44	$\frac{3}{4} - \frac{7}{16} =$	/



**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Subtract.

1	$\frac{2}{10} - \frac{1}{10} =$	/	23	$\frac{3}{4} - \frac{3}{8} =$	/
2	$\frac{1}{5} - \frac{1}{10} =$	/	24	$\frac{5}{15} - \frac{1}{15} =$	/
3	$\frac{2}{4} - \frac{1}{4} =$	/	25	$\frac{1}{3} - \frac{1}{15} =$	/
4	$\frac{1}{2} - \frac{1}{4} =$	/	26	$\frac{3}{15} - \frac{1}{15} =$	/
5	$\frac{5}{10} - \frac{2}{10} =$	/	27	$\frac{1}{5} - \frac{1}{15} =$	/
6	$\frac{1}{2} - \frac{2}{10} =$	/	28	$\frac{1}{5} - \frac{2}{15} =$	/
7	$\frac{1}{2} - \frac{4}{10} =$	/	29	$\frac{12}{15} - \frac{4}{15} =$	/
8	$\frac{4}{10} - \frac{1}{10} =$	/	30	$\frac{4}{5} - \frac{4}{15} =$	/
9	$\frac{2}{5} - \frac{1}{10} =$	/	31	$\frac{1}{4} - \frac{2}{12} =$	/
10	$\frac{2}{5} - \frac{3}{10} =$	/	32	$\frac{3}{4} - \frac{2}{12} =$	/
11	$\frac{6}{10} - \frac{3}{10} =$	/	33	$\frac{3}{4} - \frac{4}{12} =$	/
12	$\frac{3}{5} - \frac{3}{10} =$	/	34	$\frac{3}{4} - \frac{8}{12} =$	/
13	$\frac{3}{5} - \frac{5}{10} =$	/	35	$\frac{1}{3} - \frac{3}{12} =$	/
14	$\frac{8}{10} - \frac{1}{10} =$	/	36	$\frac{1}{6} - \frac{1}{12} =$	/
15	$\frac{4}{5} - \frac{1}{10} =$	/	37	$\frac{1}{3} - \frac{3}{15} =$	/
16	$\frac{4}{5} - \frac{5}{10} =$	/	38	$\frac{2}{3} - \frac{2}{15} =$	/
17	$\frac{4}{5} - \frac{5}{10} =$	/	39	$\frac{2}{5} - \frac{2}{15} =$	/
18	$\frac{4}{5} - \frac{7}{10} =$	/	40	$\frac{3}{4} - \frac{4}{12} =$	/
19	$\frac{2}{8} - \frac{1}{8} =$	/	41	$\frac{3}{4} - \frac{7}{16} =$	/
20	$\frac{1}{4} - \frac{1}{8} =$	/	42	$\frac{4}{5} - \frac{4}{15} =$	/
21	$\frac{6}{8} - \frac{1}{8} =$	/	43	$\frac{3}{4} - \frac{2}{12} =$	/
22	$\frac{3}{4} + \frac{1}{8} =$	/	44	$\frac{3}{4} - \frac{5}{16} =$	/

A

# Correct \_\_\_\_\_

1	$\frac{2}{4} =$	/	23	$\frac{9}{27} =$	/
2	$\frac{2}{6} =$	/	24	$\frac{9}{63} =$	/
3	$\frac{2}{8} =$	/	25	$\frac{8}{12} =$	/
4	$\frac{5}{10} =$	/	26	$\frac{8}{16} =$	/
5	$\frac{5}{15} =$	/	27	$\frac{8}{24} =$	/
6	$\frac{5}{20} =$	/	28	$\frac{8}{64} =$	/
7	$\frac{4}{8} =$	/	29	$\frac{12}{18} =$	/
8	$\frac{4}{12} =$	/	30	$\frac{12}{16} =$	/
9	$\frac{4}{16} =$	/	31	$\frac{9}{12} =$	/
10	$\frac{3}{6} =$	/	32	$\frac{6}{8} =$	/
11	$\frac{3}{9} =$	/	33	$\frac{10}{12} =$	/
12	$\frac{3}{12} =$	/	34	$\frac{15}{18} =$	/
13	$\frac{4}{6} =$	/	35	$\frac{8}{10} =$	/
14	$\frac{6}{12} =$	/	36	$\frac{16}{20} =$	/
15	$\frac{6}{18} =$	/	37	$\frac{12}{15} =$	/
16	$\frac{6}{30} =$	/	38	$\frac{18}{27} =$	/
17	$\frac{6}{9} =$	/	39	$\frac{27}{36} =$	/
18	$\frac{7}{14} =$	/	40	$\frac{32}{40} =$	/
19	$\frac{7}{21} =$	/	41	$\frac{45}{54} =$	/
20	$\frac{7}{42} =$	/	42	$\frac{24}{36} =$	/
21	$\frac{8}{12} =$	/	43	$\frac{60}{72} =$	/
22	$\frac{9}{18} =$	/	44	$\frac{48}{60} =$	/

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**B** Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

1	$\frac{5}{10} =$	/	23	$\frac{8}{24} =$	/
2	$\frac{5}{15} =$	/	24	$\frac{8}{56} =$	/
3	$\frac{5}{20} =$	/	25	$\frac{8}{12} =$	/
4	$\frac{2}{4} =$	/	26	$\frac{9}{18} =$	/
5	$\frac{2}{6} =$	/	27	$\frac{9}{27} =$	/
6	$\frac{2}{8} =$	/	28	$\frac{9}{72} =$	/
7	$\frac{3}{6} =$	/	29	$\frac{12}{18} =$	/
8	$\frac{3}{9} =$	/	30	$\frac{6}{8} =$	/
9	$\frac{3}{12} =$	/	31	$\frac{9}{12} =$	/
10	$\frac{4}{8} =$	/	32	$\frac{12}{16} =$	/
11	$\frac{4}{12} =$	/	33	$\frac{8}{10} =$	/
12	$\frac{4}{16} =$	/	34	$\frac{16}{20} =$	/
13	$\frac{4}{6} =$	/	35	$\frac{12}{15} =$	/
14	$\frac{7}{14} =$	/	36	$\frac{10}{12} =$	/
15	$\frac{7}{21} =$	/	37	$\frac{15}{18} =$	/
16	$\frac{7}{35} =$	/	38	$\frac{16}{24} =$	/
17	$\frac{6}{9} =$	/	39	$\frac{24}{32} =$	/
18	$\frac{6}{12} =$	/	40	$\frac{36}{45} =$	/
19	$\frac{6}{18} =$	/	41	$\frac{40}{48} =$	/
20	$\frac{6}{36} =$	/	42	$\frac{24}{36} =$	/
21	$\frac{8}{12} =$	/	43	$\frac{48}{60} =$	/
22	$\frac{8}{16} =$	/	44	$\frac{60}{72} =$	/

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A

# Correct \_\_\_\_\_

Circle the smallest fraction.

1	$\frac{1}{2}$	$\frac{1}{4}$	23	$\frac{1}{4}$	$\frac{1}{8}$
2	$\frac{1}{2}$	$\frac{3}{4}$	24	$\frac{1}{4}$	$\frac{3}{8}$
3	$\frac{1}{2}$	$\frac{5}{8}$	25	$\frac{1}{4}$	$\frac{7}{12}$
4	$\frac{1}{2}$	$\frac{7}{8}$	26	$\frac{1}{4}$	$\frac{11}{12}$
5	$\frac{1}{2}$	$\frac{1}{10}$	27	$\frac{1}{6}$	$\frac{7}{12}$
6	$\frac{1}{2}$	$\frac{3}{10}$	28	$\frac{1}{6}$	$\frac{11}{12}$
7	$\frac{1}{2}$	$\frac{5}{12}$	29	$\frac{2}{3}$	$\frac{1}{6}$
8	$\frac{1}{2}$	$\frac{11}{12}$	30	$\frac{2}{3}$	$\frac{5}{6}$
9	$\frac{1}{2}$	$\frac{7}{10}$	31	$\frac{2}{3}$	$\frac{2}{9}$
10	$\frac{1}{5}$	$\frac{9}{10}$	32	$\frac{2}{3}$	$\frac{4}{9}$
11	$\frac{2}{5}$	$\frac{1}{10}$	33	$\frac{2}{3}$	$\frac{1}{12}$
12	$\frac{2}{5}$	$\frac{3}{10}$	34	$\frac{2}{3}$	$\frac{5}{12}$
13	$\frac{3}{5}$	$\frac{3}{10}$	35	$\frac{2}{3}$	$\frac{11}{12}$
14	$\frac{3}{5}$	$\frac{7}{10}$	36	$\frac{2}{3}$	$\frac{7}{12}$
15	$\frac{4}{5}$	$\frac{1}{10}$	37	$\frac{3}{4}$	$\frac{1}{8}$
16	$\frac{4}{5}$	$\frac{9}{10}$	38	$\frac{3}{4}$	$\frac{1}{8}$
17	$\frac{1}{3}$	$\frac{1}{9}$	39	$\frac{5}{6}$	$\frac{7}{12}$
18	$\frac{1}{3}$	$\frac{2}{9}$	40	$\frac{5}{6}$	$\frac{5}{12}$
19	$\frac{1}{3}$	$\frac{4}{9}$	41	$\frac{6}{7}$	$\frac{38}{42}$
20	$\frac{1}{3}$	$\frac{8}{9}$	42	$\frac{7}{8}$	$\frac{62}{72}$
21	$\frac{1}{3}$	$\frac{1}{12}$	43	$\frac{49}{54}$	$\frac{8}{9}$
22	$\frac{1}{3}$	$\frac{5}{12}$	44	$\frac{67}{72}$	$\frac{11}{12}$

# B Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Circle the smallest fraction.

1	$\frac{1}{2}$	$\frac{1}{6}$	23	$\frac{1}{4}$	$\frac{5}{8}$
2	$\frac{1}{2}$	$\frac{5}{6}$	24	$\frac{1}{4}$	$\frac{7}{8}$
3	$\frac{1}{2}$	$\frac{1}{8}$	25	$\frac{1}{4}$	$\frac{1}{12}$
4	$\frac{1}{2}$	$\frac{3}{8}$	26	$\frac{1}{4}$	$\frac{5}{12}$
5	$\frac{1}{2}$	$\frac{7}{10}$	27	$\frac{1}{6}$	$\frac{1}{12}$
6	$\frac{1}{2}$	$\frac{9}{10}$	28	$\frac{1}{6}$	$\frac{5}{12}$
7	$\frac{1}{2}$	$\frac{1}{12}$	29	$\frac{2}{3}$	$\frac{1}{9}$
8	$\frac{1}{2}$	$\frac{7}{12}$	30	$\frac{2}{3}$	$\frac{7}{9}$
9	$\frac{1}{5}$	$\frac{1}{10}$	31	$\frac{2}{3}$	$\frac{5}{9}$
10	$\frac{1}{5}$	$\frac{3}{10}$	32	$\frac{2}{3}$	$\frac{8}{9}$
11	$\frac{2}{5}$	$\frac{7}{10}$	33	$\frac{3}{4}$	$\frac{1}{2}$
12	$\frac{2}{5}$	$\frac{9}{10}$	34	$\frac{3}{4}$	$\frac{5}{12}$
13	$\frac{3}{5}$	$\frac{1}{10}$	35	$\frac{3}{4}$	$\frac{11}{12}$
14	$\frac{3}{5}$	$\frac{9}{10}$	36	$\frac{3}{4}$	$\frac{7}{12}$
15	$\frac{4}{5}$	$\frac{3}{10}$	37	$\frac{5}{6}$	$\frac{1}{12}$
16	$\frac{4}{5}$	$\frac{7}{10}$	38	$\frac{5}{6}$	$\frac{11}{12}$
17	$\frac{1}{3}$	$\frac{1}{6}$	39	$\frac{3}{4}$	$\frac{5}{8}$
18	$\frac{1}{3}$	$\frac{5}{6}$	40	$\frac{3}{4}$	$\frac{3}{8}$
19	$\frac{1}{3}$	$\frac{5}{9}$	41	$\frac{6}{7}$	$\frac{34}{42}$
20	$\frac{1}{3}$	$\frac{7}{9}$	42	$\frac{7}{8}$	$\frac{64}{72}$
21	$\frac{1}{3}$	$\frac{7}{12}$	43	$\frac{47}{54}$	$\frac{8}{9}$
22	$\frac{1}{3}$	$\frac{11}{12}$	44	$\frac{65}{72}$	$\frac{11}{12}$

**A**

# Correct \_\_\_\_\_

Write the Fraction, Whole Number, or Mixed Number.

1	$1 \div 2 =$		23	$6 \div 2 =$	
2	$1 \div 3 =$		24	$7 \div 2 =$	
3	$1 \div 8 =$		25	$8 \div 8 =$	
4	$2 \div 2 =$		26	$9 \div 8 =$	
5	$2 \div 3 =$		27	$15 \div 8 =$	
6	$3 \div 3 =$		28	$8 \div 4 =$	
7	$3 \div 4 =$		29	$11 \div 4 =$	
8	$3 \div 10 =$		30	$15 \div 2 =$	
9	$3 \div 5 =$		31	$24 \div 5 =$	
10	$5 \div 5 =$		32	$17 \div 4 =$	
11	$6 \div 5 =$		33	$20 \div 3 =$	
12	$7 \div 5 =$		34	$13 \div 6 =$	
13	$9 \div 5 =$		35	$30 \div 7 =$	
14	$2 \div 3 =$		36	$27 \div 8 =$	
15	$4 \div 4 =$		37	$49 \div 9 =$	
16	$5 \div 4 =$		38	$29 \div 6 =$	
17	$7 \div 4 =$		39	$47 \div 7 =$	
18	$4 \div 2 =$		40	$53 \div 8 =$	
19	$5 \div 2 =$		41	$67 \div 9 =$	
20	$10 \div 5 =$		42	$59 \div 6 =$	
21	$11 \div 5 =$		43	$63 \div 8 =$	
22	$13 \div 5 =$		44	$71 \div 9 =$	

**B** Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Write the Fraction, Whole Number, or Mixed Number.

1	$1 \div 3 =$		23	$15 \div 5 =$	
2	$1 \div 4 =$		24	$16 \div 5 =$	
3	$1 \div 10 =$		25	$6 \div 6 =$	
4	$5 \div 5 =$		26	$7 \div 6 =$	
5	$5 \div 6 =$		27	$11 \div 6 =$	
6	$3 \div 3 =$		28	$6 \div 3 =$	
7	$3 \div 7 =$		29	$8 \div 3 =$	
8	$3 \div 10 =$		30	$13 \div 2 =$	
9	$3 \div 4 =$		31	$23 \div 5 =$	
10	$4 \div 4 =$		32	$15 \div 4 =$	
11	$5 \div 4 =$		33	$19 \div 4 =$	
12	$2 \div 2 =$		34	$19 \div 6 =$	
13	$3 \div 2 =$		35	$31 \div 7 =$	
14	$4 \div 5 =$		36	$37 \div 8 =$	
15	$10 \div 10 =$		37	$50 \div 9 =$	
16	$11 \div 10 =$		38	$17 \div 6 =$	
17	$13 \div 10 =$		39	$48 \div 7 =$	
18	$10 \div 5 =$		40	$51 \div 8 =$	
19	$11 \div 5 =$		41	$68 \div 9 =$	
20	$13 \div 5 =$		42	$53 \div 6 =$	
21	$4 \div 2 =$		43	$61 \div 8 =$	
22	$5 \div 2 =$		44	$70 \div 9 =$	

**A**

# Correct \_\_\_\_\_

Solve.

1	$\frac{1}{5} \times 2 =$		23	$\frac{5}{6} \times 12 =$	
2	$\frac{1}{5} \times 3 =$		24	$\frac{1}{3} \times 15 =$	
3	$\frac{1}{5} \times 4 =$		25	$\frac{2}{3} \times 15 =$	
4	$4 \times \frac{1}{5} =$		26	$15 \times \frac{2}{3} =$	
5	$\frac{1}{8} \times 3 =$		27	$\frac{1}{5} \times 15 =$	
6	$\frac{1}{8} \times 5 =$		28	$\frac{2}{5} \times 15 =$	
7	$\frac{1}{8} \times 7 =$		29	$\frac{4}{5} \times 15 =$	
8	$7 \times \frac{1}{8} =$		30	$\frac{3}{5} \times 15 =$	
9	$3 \times \frac{1}{10} =$		31	$15 \times \frac{3}{5} =$	
10	$7 \times \frac{1}{10} =$		32	$18 \times \frac{1}{6} =$	
11	$\frac{1}{10} \times 7 =$		33	$18 \times \frac{5}{6} =$	
12	$4 \div 2 =$		34	$\frac{5}{6} \times 18 =$	
13	$4 \times \frac{1}{2} =$		35	$24 \times \frac{1}{4} =$	
14	$6 \div 3 =$		36	$\frac{3}{4} \times 24 =$	
15	$\frac{1}{3} \times 6 =$		37	$32 \times \frac{1}{8} =$	
16	$10 \div 5 =$		38	$32 \times \frac{3}{8} =$	
17	$10 \times \frac{1}{5} =$		39	$\frac{5}{8} \times 32 =$	
18	$\frac{1}{3} \times 9 =$		40	$32 \times \frac{7}{8} =$	
19	$\frac{2}{3} \times 9 =$		41	$\frac{5}{9} \times 54 =$	
20	$\frac{1}{4} \times 8 =$		42	$63 \times \frac{7}{9} =$	
21	$\frac{3}{4} \times 8 =$		43	$56 \times \frac{3}{7} =$	
22	$\frac{1}{6} \times 12 =$		44	$\frac{6}{7} \times 49 =$	

**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Solve.

1	$\frac{1}{7} \times 2 =$		23	$\frac{3}{4} \times 8 =$	
2	$\frac{1}{7} \times 3 =$		24	$\frac{1}{5} \times 15 =$	
3	$\frac{1}{7} \times 4 =$		25	$\frac{2}{5} \times 15 =$	
4	$4 \times \frac{1}{7} =$		26	$\frac{4}{5} \times 15 =$	
5	$\frac{1}{10} \times 3 =$		27	$\frac{3}{5} \times 15 =$	
6	$\frac{1}{10} \times 7 =$		28	$15 \times \frac{3}{5} =$	
7	$\frac{1}{10} \times 9 =$		29	$\frac{1}{3} \times 15 =$	
8	$9 \times \frac{1}{10} =$		30	$\frac{2}{3} \times 15 =$	
9	$3 \times \frac{1}{8} =$		31	$15 \times \frac{2}{3} =$	
10	$5 \times \frac{1}{8} =$		32	$24 \times \frac{1}{6} =$	
11	$\frac{1}{8} \times 5 =$		33	$24 \times \frac{5}{6} =$	
12	$10 \div 5 =$		34	$\frac{5}{6} \times 24 =$	
13	$10 \times \frac{1}{5} =$		35	$20 \times \frac{1}{4} =$	
14	$9 \div 3 =$		36	$\frac{3}{4} \times 20 =$	
15	$\frac{1}{3} \times 9 =$		37	$24 \times \frac{1}{8} =$	
16	$10 \div 2 =$		38	$24 \times \frac{3}{8} =$	
17	$10 \times \frac{1}{2} =$		39	$\frac{5}{8} \times 24 =$	
18	$\frac{1}{3} \times 6 =$		40	$24 \times \frac{7}{8} =$	
19	$\frac{2}{3} \times 6 =$		41	$\frac{5}{9} \times 63 =$	
20	$\frac{1}{6} \times 12 =$		42	$54 \times \frac{7}{9} =$	
21	$\frac{5}{6} \times 12 =$		43	$49 \times \frac{3}{7} =$	
22	$\frac{1}{4} \times 8 =$		44	$\frac{6}{7} \times 56 =$	

A

# Correct \_\_\_\_\_

Multiply, but don't simplify.

1	$\frac{1}{2} \times \frac{1}{2} =$		23	$\frac{2}{5} \times \frac{5}{3} =$	
2	$\frac{1}{2} \times \frac{1}{3} =$		24	$\frac{3}{5} \times \frac{5}{2} =$	
3	$\frac{1}{2} \times \frac{1}{4} =$		25	$\frac{1}{3} \times \frac{1}{3} =$	
4	$\frac{1}{2} \times \frac{1}{7} =$		26	$\frac{1}{3} \times \frac{2}{3} =$	
5	$\frac{1}{7} \times \frac{1}{2} =$		27	$\frac{2}{3} \times \frac{2}{3} =$	
6	$\frac{1}{3} \times \frac{1}{2} =$		28	$\frac{2}{3} \times \frac{3}{2} =$	
7	$\frac{1}{3} \times \frac{1}{3} =$		29	$\frac{2}{3} \times \frac{4}{3} =$	
8	$\frac{1}{3} \times \frac{1}{6} =$		30	$\frac{2}{3} \times \frac{5}{3} =$	
9	$\frac{1}{3} \times \frac{1}{5} =$		31	$\frac{3}{2} \times \frac{3}{5} =$	
10	$\frac{1}{5} \times \frac{1}{3} =$		32	$\frac{3}{4} \times \frac{1}{5} =$	
11	$\frac{1}{5} \times \frac{2}{3} =$		33	$\frac{3}{4} \times \frac{4}{5} =$	
12	$\frac{2}{5} \times \frac{2}{3} =$		34	$\frac{3}{4} \times \frac{5}{5} =$	
13	$\frac{1}{4} \times \frac{1}{3} =$		35	$\frac{3}{4} \times \frac{6}{5} =$	
14	$\frac{1}{4} \times \frac{2}{3} =$		36	$\frac{1}{4} \times \frac{6}{5} =$	
15	$\frac{3}{4} \times \frac{2}{3} =$		37	$\frac{1}{7} \times \frac{1}{7} =$	
16	$\frac{1}{6} \times \frac{1}{3} =$		38	$\frac{1}{8} \times \frac{3}{5} =$	
17	$\frac{5}{6} \times \frac{1}{3} =$		39	$\frac{5}{6} \times \frac{1}{4} =$	
18	$\frac{5}{6} \times \frac{2}{3} =$		40	$\frac{3}{4} \times \frac{3}{4} =$	
19	$\frac{5}{4} \times \frac{2}{3} =$		41	$\frac{2}{3} \times \frac{6}{6} =$	
20	$\frac{1}{5} \times \frac{1}{5} =$		42	$\frac{3}{4} \times \frac{6}{2} =$	
21	$\frac{2}{5} \times \frac{2}{5} =$		43	$\frac{7}{8} \times \frac{7}{9} =$	
22	$\frac{2}{5} \times \frac{3}{5} =$		44	$\frac{7}{12} \times \frac{9}{8} =$	

**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Multiply, but don't simplify.

1	$\frac{1}{2} \times \frac{1}{3} =$		23	$\frac{3}{5} \times \frac{5}{4} =$	
2	$\frac{1}{2} \times \frac{1}{4} =$		24	$\frac{4}{5} \times \frac{5}{3} =$	
3	$\frac{1}{2} \times \frac{1}{5} =$		25	$\frac{1}{4} \times \frac{1}{4} =$	
4	$\frac{1}{2} \times \frac{1}{9} =$		26	$\frac{1}{4} \times \frac{3}{4} =$	
5	$\frac{1}{9} \times \frac{1}{2} =$		27	$\frac{3}{4} \times \frac{3}{4} =$	
6	$\frac{1}{5} \times \frac{1}{2} =$		28	$\frac{3}{4} \times \frac{4}{3} =$	
7	$\frac{1}{5} \times \frac{1}{3} =$		29	$\frac{3}{4} \times \frac{5}{4} =$	
8	$\frac{1}{5} \times \frac{1}{7} =$		30	$\frac{3}{4} \times \frac{6}{4} =$	
9	$\frac{1}{5} \times \frac{1}{3} =$		31	$\frac{4}{3} \times \frac{4}{6} =$	
10	$\frac{1}{3} \times \frac{1}{5} =$		32	$\frac{2}{3} \times \frac{1}{5} =$	
11	$\frac{1}{3} \times \frac{2}{5} =$		33	$\frac{2}{3} \times \frac{4}{5} =$	
12	$\frac{2}{3} \times \frac{2}{5} =$		34	$\frac{2}{3} \times \frac{5}{5} =$	
13	$\frac{1}{3} \times \frac{1}{4} =$		35	$\frac{2}{3} \times \frac{6}{5} =$	
14	$\frac{1}{3} \times \frac{3}{4} =$		36	$\frac{1}{3} \times \frac{6}{5} =$	
15	$\frac{2}{3} \times \frac{3}{4} =$		37	$\frac{1}{9} \times \frac{1}{9} =$	
16	$\frac{1}{3} \times \frac{1}{6} =$		38	$\frac{1}{5} \times \frac{3}{8} =$	
17	$\frac{2}{3} \times \frac{1}{6} =$		39	$\frac{3}{4} \times \frac{1}{6} =$	
18	$\frac{2}{3} \times \frac{5}{6} =$		40	$\frac{2}{3} \times \frac{2}{3} =$	
19	$\frac{3}{2} \times \frac{3}{4} =$		41	$\frac{3}{4} \times \frac{8}{8} =$	
20	$\frac{1}{5} \times \frac{1}{5} =$		42	$\frac{2}{3} \times \frac{6}{3} =$	
21	$\frac{3}{5} \times \frac{3}{5} =$		43	$\frac{6}{7} \times \frac{8}{9} =$	
22	$\frac{3}{5} \times \frac{4}{5} =$		44	$\frac{7}{12} \times \frac{8}{7} =$	



**A**

# Correct \_\_\_\_\_

Multiply.

1	$3 \times 2 =$		23	$0.6 \times 2 =$	
2	$3 \times 0.2 =$		24	$0.6 \times 0.2 =$	
3	$3 \times 0.02 =$		25	$0.6 \times 0.02 =$	
4	$3 \times 3 =$		26	$0.2 \times 0.06 =$	
5	$3 \times 0.3 =$		27	$5 \times 7 =$	
6	$3 \times 0.03 =$		28	$0.5 \times 7 =$	
7	$2 \times 4 =$		29	$0.5 \times 0.7 =$	
8	$2 \times 0.4 =$		30	$0.5 \times 0.07 =$	
9	$2 \times 0.04 =$		31	$0.7 \times 0.05 =$	
10	$5 \times 3 =$		32	$2 \times 8 =$	
11	$5 \times 0.3 =$		33	$9 \times 0.2 =$	
12	$5 \times 0.03 =$		34	$3 \times 7 =$	
13	$7 \times 2 =$		35	$8 \times 0.03 =$	
14	$7 \times 0.2 =$		36	$4 \times 6 =$	
15	$7 \times 0.02 =$		37	$0.6 \times 7 =$	
16	$4 \times 3 =$		38	$0.7 \times 0.7 =$	
17	$4 \times 0.3 =$		39	$0.8 \times 0.06 =$	
18	$0.4 \times 3 =$		40	$0.09 \times 0.6 =$	
19	$0.4 \times 0.3 =$		41	$6 \times 0.8 =$	
20	$0.4 \times 0.03 =$		42	$0.7 \times 0.9 =$	
21	$0.3 \times 0.04 =$		43	$0.08 \times 0.8 =$	
22	$6 \times 2 =$		44	$0.9 \times 0.08 =$	

**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Multiply.

1	$4 \times 2 =$		23	$0.8 \times 2 =$	
2	$4 \times 0.2 =$		24	$0.8 \times 0.2 =$	
3	$4 \times 0.02 =$		25	$0.8 \times 0.02 =$	
4	$2 \times 3 =$		26	$0.2 \times 0.08 =$	
5	$2 \times 0.3 =$		27	$5 \times 9 =$	
6	$2 \times 0.03 =$		28	$0.5 \times 9 =$	
7	$3 \times 3 =$		29	$0.5 \times 0.9 =$	
8	$3 \times 0.3 =$		30	$0.5 \times 0.09 =$	
9	$3 \times 0.03 =$		31	$0.9 \times 0.05 =$	
10	$4 \times 3 =$		32	$2 \times 6 =$	
11	$4 \times 0.3 =$		33	$7 \times 0.2 =$	
12	$4 \times 0.03 =$		34	$3 \times 8 =$	
13	$9 \times 2 =$		35	$9 \times 0.03 =$	
14	$9 \times 0.2 =$		36	$4 \times 8 =$	
15	$9 \times 0.02 =$		37	$0.7 \times 6 =$	
16	$5 \times 3 =$		38	$0.6 \times 0.6 =$	
17	$5 \times 0.3 =$		39	$0.6 \times 0.08 =$	
18	$0.5 \times 3 =$		40	$0.06 \times 0.9 =$	
19	$0.5 \times 0.3 =$		41	$8 \times 0.6 =$	
20	$0.5 \times 0.03 =$		42	$0.9 \times 0.7 =$	
21	$0.3 \times 0.05 =$		43	$0.07 \times 0.7 =$	
22	$8 \times 2 =$		44	$0.8 \times 0.09 =$	

**A**

# Correct \_\_\_\_\_

Divide.

1	$\frac{1}{2} \div 2 =$		23	$4 \div \frac{1}{4} =$	
2	$\frac{1}{2} \div 3 =$		24	$\frac{1}{3} \div 3 =$	
3	$\frac{1}{2} \div 4 =$		25	$\frac{2}{3} \div 3 =$	
4	$\frac{1}{2} \div 7 =$		26	$\frac{1}{4} \div 2 =$	
5	$7 \div \frac{1}{2} =$		27	$\frac{3}{4} \div 2 =$	
6	$6 \div \frac{1}{2} =$		28	$\frac{1}{5} \div 2 =$	
7	$5 \div \frac{1}{2} =$		29	$\frac{3}{5} \div 2 =$	
8	$3 \div \frac{1}{2} =$		30	$\frac{1}{6} \div 2 =$	
9	$2 \div \frac{1}{5} =$		31	$\frac{5}{6} \div 2 =$	
10	$3 \div \frac{1}{5} =$		32	$\frac{5}{6} \div 3 =$	
11	$4 \div \frac{1}{5} =$		33	$\frac{1}{6} \div 3 =$	
12	$7 \div \frac{1}{5} =$		34	$3 \div \frac{1}{6} =$	
13	$\frac{1}{5} \div 7 =$		35	$6 \div \frac{1}{6} =$	
14	$\frac{1}{3} \div 2 =$		36	$7 \div \frac{1}{7} =$	
15	$2 \div \frac{1}{3} =$		37	$8 \div \frac{1}{8} =$	
16	$\frac{1}{4} \div 2 =$		38	$9 \div \frac{1}{9} =$	
17	$2 \div \frac{1}{4} =$		39	$\frac{1}{8} \div 7 =$	
18	$\frac{1}{5} \div 2 =$		40	$9 \div \frac{1}{8} =$	
19	$2 \div \frac{1}{5} =$		41	$\frac{1}{8} \div 7 =$	
20	$3 \div \frac{1}{4} =$		42	$7 \div \frac{1}{6} =$	
21	$\frac{1}{4} \div 3 =$		43	$9 \div \frac{1}{7} =$	
22	$\frac{1}{4} \div 4 =$		44	$\frac{1}{8} \div 9 =$	

**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Divide.

1	$\frac{1}{2} \div 2 =$		23	$3 \div \frac{1}{3} =$	
2	$\frac{1}{5} \div 3 =$		24	$\frac{1}{4} \div 4 =$	
3	$\frac{1}{5} \div 4 =$		25	$\frac{3}{4} \div 4 =$	
4	$\frac{1}{5} \div 7 =$		26	$\frac{1}{3} \div 3 =$	
5	$7 \div \frac{1}{5} =$		27	$\frac{2}{3} \div 3 =$	
6	$6 \div \frac{1}{5} =$		28	$\frac{1}{6} \div 2 =$	
7	$5 \div \frac{1}{5} =$		29	$\frac{5}{6} \div 2 =$	
8	$3 \div \frac{1}{5} =$		30	$\frac{1}{5} \div 5 =$	
9	$2 \div \frac{1}{2} =$		31	$\frac{3}{5} \div 5 =$	
10	$3 \div \frac{1}{2} =$		32	$\frac{3}{5} \div 4 =$	
11	$4 \div \frac{1}{2} =$		33	$\frac{1}{5} \div 6 =$	
12	$7 \div \frac{1}{2} =$		34	$6 \div \frac{1}{5} =$	
13	$\frac{1}{2} \div 7 =$		35	$6 \div \frac{1}{4} =$	
14	$\frac{1}{4} \div 2 =$		36	$7 \div \frac{1}{6} =$	
15	$2 \div \frac{1}{4} =$		37	$8 \div \frac{1}{7} =$	
16	$\frac{1}{3} \div 2 =$		38	$9 \div \frac{1}{8} =$	
17	$2 \div \frac{1}{3} =$		39	$\frac{1}{8} \div 8 =$	
18	$\frac{1}{2} \div 2 =$		40	$9 \div \frac{1}{9} =$	
19	$2 \div \frac{1}{2} =$		41	$\frac{1}{9} \div 8 =$	
20	$4 \div \frac{1}{3} =$		42	$7 \div \frac{1}{7} =$	
21	$\frac{1}{3} \div 4 =$		43	$9 \div \frac{1}{6} =$	
22	$\frac{1}{3} \div 3 =$		44	$\frac{1}{8} \div 6 =$	

**A**

# Correct \_\_\_\_\_

Divide.

1	$1 \div 1 =$		23	$5 \div 0.1 =$	
2	$1 \div 0.1 =$		24	$0.5 \div 0.1 =$	
3	$2 \div 0.1 =$		25	$0.05 \div 0.1 =$	
4	$7 \div 0.1 =$		26	$0.08 \div 0.1 =$	
5	$1 \div 0.1 =$		27	$4 \div 0.01 =$	
6	$10 \div 0.1 =$		28	$40 \div 0.01 =$	
7	$20 \div 0.1 =$		29	$47 \div 0.01 =$	
8	$60 \div 0.1 =$		30	$59 \div 0.01 =$	
9	$1 \div 1 =$		31	$3 \div 0.1 =$	
10	$1 \div 0.1 =$		32	$30 \div 0.1 =$	
11	$10 \div 0.1 =$		33	$32 \div 0.1 =$	
12	$100 \div 0.1 =$		34	$32.5 \div 0.1 =$	
13	$200 \div 0.1 =$		35	$25 \div 5 =$	
14	$800 \div 0.1 =$		36	$2.5 \div 0.5 =$	
15	$1 \div 0.1 =$		37	$2.5 \div 0.05 =$	
16	$1 \div 0.01 =$		38	$3.6 \div 0.04 =$	
17	$2 \div 0.01 =$		39	$32 \div 0.08 =$	
18	$9 \div 0.01 =$		40	$56 \div 0.7 =$	
19	$5 \div 0.01 =$		41	$77 \div 1.1 =$	
20	$50 \div 0.01 =$		42	$4.8 \div 0.12 =$	
21	$60 \div 0.01 =$		43	$4.84 \div 0.4 =$	
22	$20 \div 0.01 =$		44	$9.63 \div 0.03 =$	

**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Divide.

1	$10 \div 1 =$		23	$4 \div 0.1 =$	
2	$1 \div 0.1 =$		24	$0.4 \div 0.1 =$	
3	$2 \div 0.1 =$		25	$0.04 \div 0.1 =$	
4	$8 \div 0.1 =$		26	$0.07 \div 0.1 =$	
5	$1 \div 0.1 =$		27	$5 \div 0.01 =$	
6	$10 \div 0.1 =$		28	$50 \div 0.01 =$	
7	$20 \div 0.1 =$		29	$53 \div 0.01 =$	
8	$70 \div 0.1 =$		30	$68 \div 0.01 =$	
9	$1 \div 1 =$		31	$2 \div 0.1 =$	
10	$1 \div 0.1 =$		32	$20 \div 0.1 =$	
11	$10 \div 0.1 =$		33	$23 \div 0.1 =$	
12	$100 \div 0.1 =$		34	$23.6 \div 0.1 =$	
13	$200 \div 0.1 =$		35	$15 \div 5 =$	
14	$900 \div 0.1 =$		36	$1.5 \div 0.5 =$	
15	$1 \div 0.1 =$		37	$1.5 \div 0.05 =$	
16	$1 \div 0.01 =$		38	$3.2 \div 0.04 =$	
17	$2 \div 0.01 =$		39	$28 \div 0.07 =$	
18	$7 \div 0.01 =$		40	$42 \div 0.6 =$	
19	$4 \div 0.01 =$		41	$88 \div 1.1 =$	
20	$40 \div 0.01 =$		42	$3.6 \div 0.12 =$	
21	$50 \div 0.01 =$		43	$3.63 \div 0.3 =$	
22	$80 \div 0.01 =$		44	$8.44 \div 0.04 =$	

A

# Correct \_\_\_\_\_

Solve.

1	$\frac{1}{5} \times 2 =$		23	$\frac{5}{6} \times 12 =$	
2	$\frac{1}{5} \times 3 =$		24	$\frac{1}{3} \times 15 =$	
3	$\frac{1}{5} \times 4 =$		25	$\frac{2}{3} \times 15 =$	
4	$4 \times \frac{1}{5} =$		26	$15 \times \frac{2}{3} =$	
5	$\frac{1}{8} \times 3 =$		27	$\frac{1}{5} \times 15 =$	
6	$\frac{1}{8} \times 5 =$		28	$\frac{2}{5} \times 15 =$	
7	$\frac{1}{8} \times 7 =$		29	$\frac{4}{5} \times 15 =$	
8	$7 \times \frac{1}{8} =$		30	$\frac{3}{5} \times 15 =$	
9	$3 \times \frac{1}{10} =$		31	$15 \times \frac{3}{5} =$	
10	$7 \times \frac{1}{10} =$		32	$18 \times \frac{1}{6} =$	
11	$\frac{1}{10} \times 7 =$		33	$18 \times \frac{5}{6} =$	
12	$4 \div 2 =$		34	$\frac{5}{6} \times 18 =$	
13	$4 \times \frac{1}{2} =$		35	$24 \times \frac{1}{4} =$	
14	$6 \div 3 =$		36	$\frac{3}{4} \times 24 =$	
15	$\frac{1}{3} \times 6 =$		37	$32 \times \frac{1}{8} =$	
16	$10 \div 5 =$		38	$32 \times \frac{3}{8} =$	
17	$10 \times \frac{1}{5} =$		39	$\frac{5}{8} \times 32 =$	
18	$\frac{1}{3} \times 9 =$		40	$32 \times \frac{7}{8} =$	
19	$\frac{2}{3} \times 9 =$		41	$\frac{5}{9} \times 54 =$	
20	$\frac{1}{4} \times 8 =$		42	$63 \times \frac{7}{9} =$	
21	$\frac{3}{4} \times 8 =$		43	$56 \times \frac{3}{7} =$	
22	$\frac{1}{6} \times 12 =$		44	$\frac{6}{7} \times 49 =$	

B

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Solve.

1	$\frac{1}{7} \times 2 =$		23	$\frac{3}{4} \times 8 =$	
2	$\frac{1}{7} \times 3 =$		24	$\frac{1}{5} \times 15 =$	
3	$\frac{1}{7} \times 4 =$		25	$\frac{2}{5} \times 15 =$	
4	$4 \times \frac{1}{7} =$		26	$\frac{4}{5} \times 15 =$	
5	$\frac{1}{10} \times 3 =$		27	$\frac{3}{5} \times 15 =$	
6	$\frac{1}{10} \times 7 =$		28	$15 \times \frac{3}{5} =$	
7	$\frac{1}{10} \times 9 =$		29	$\frac{1}{3} \times 15 =$	
8	$9 \times \frac{1}{10} =$		30	$\frac{2}{3} \times 15 =$	
9	$3 \times \frac{1}{8} =$		31	$15 \times \frac{2}{3} =$	
10	$5 \times \frac{1}{8} =$		32	$24 \times \frac{1}{6} =$	
11	$\frac{1}{8} \times 5 =$		33	$24 \times \frac{5}{6} =$	
12	$10 \div 5 =$		34	$\frac{5}{6} \times 24 =$	
13	$10 \times \frac{1}{5} =$		35	$20 \times \frac{1}{4} =$	
14	$9 \div 3 =$		36	$\frac{3}{4} \times 20 =$	
15	$\frac{1}{3} \times 9 =$		37	$24 \times \frac{1}{8} =$	
16	$10 \div 2 =$		38	$24 \times \frac{3}{8} =$	
17	$10 \times \frac{1}{2} =$		39	$\frac{5}{8} \times 24 =$	
18	$\frac{1}{3} \times 6 =$		40	$24 \times \frac{7}{8} =$	
19	$\frac{2}{3} \times 6 =$		41	$\frac{5}{9} \times 63 =$	
20	$\frac{1}{6} \times 12 =$		42	$54 \times \frac{7}{9} =$	
21	$\frac{5}{6} \times 12 =$		43	$49 \times \frac{3}{7} =$	
22	$\frac{1}{4} \times 8 =$		44	$\frac{6}{7} \times 56 =$	



**A**

# Correct \_\_\_\_\_

Multiply, but don't simplify.

1	$\frac{1}{2} \times \frac{1}{2} =$		23	$\frac{2}{5} \times \frac{5}{3} =$	
2	$\frac{1}{2} \times \frac{1}{3} =$		24	$\frac{3}{5} \times \frac{5}{2} =$	
3	$\frac{1}{2} \times \frac{1}{4} =$		25	$\frac{1}{3} \times \frac{1}{3} =$	
4	$\frac{1}{2} \times \frac{1}{7} =$		26	$\frac{1}{3} \times \frac{2}{3} =$	
5	$\frac{1}{7} \times \frac{1}{2} =$		27	$\frac{2}{3} \times \frac{2}{3} =$	
6	$\frac{1}{3} \times \frac{1}{2} =$		28	$\frac{2}{3} \times \frac{3}{2} =$	
7	$\frac{1}{3} \times \frac{1}{3} =$		29	$\frac{2}{3} \times \frac{4}{3} =$	
8	$\frac{1}{3} \times \frac{1}{6} =$		30	$\frac{2}{3} \times \frac{5}{3} =$	
9	$\frac{1}{3} \times \frac{1}{5} =$		31	$\frac{3}{2} \times \frac{3}{5} =$	
10	$\frac{1}{5} \times \frac{1}{3} =$		32	$\frac{3}{4} \times \frac{1}{5} =$	
11	$\frac{1}{5} \times \frac{2}{3} =$		33	$\frac{3}{4} \times \frac{4}{5} =$	
12	$\frac{2}{5} \times \frac{2}{3} =$		34	$\frac{3}{4} \times \frac{5}{5} =$	
13	$\frac{1}{4} \times \frac{1}{3} =$		35	$\frac{3}{4} \times \frac{6}{5} =$	
14	$\frac{1}{4} \times \frac{2}{3} =$		36	$\frac{1}{4} \times \frac{6}{5} =$	
15	$\frac{3}{4} \times \frac{2}{3} =$		37	$\frac{1}{7} \times \frac{1}{7} =$	
16	$\frac{1}{6} \times \frac{1}{3} =$		38	$\frac{1}{8} \times \frac{3}{5} =$	
17	$\frac{5}{6} \times \frac{1}{3} =$		39	$\frac{5}{6} \times \frac{1}{4} =$	
18	$\frac{5}{6} \times \frac{2}{3} =$		40	$\frac{3}{4} \times \frac{3}{4} =$	
19	$\frac{5}{4} \times \frac{2}{3} =$		41	$\frac{2}{3} \times \frac{6}{6} =$	
20	$\frac{1}{5} \times \frac{1}{5} =$		42	$\frac{3}{4} \times \frac{6}{2} =$	
21	$\frac{2}{5} \times \frac{2}{5} =$		43	$\frac{7}{8} \times \frac{7}{9} =$	
22	$\frac{2}{5} \times \frac{3}{5} =$		44	$\frac{7}{12} \times \frac{9}{8} =$	

**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Multiply, but don't simplify.

1	$\frac{1}{2} \times \frac{1}{3} =$		23	$\frac{3}{5} \times \frac{5}{4} =$	
2	$\frac{1}{2} \times \frac{1}{4} =$		24	$\frac{4}{5} \times \frac{5}{3} =$	
3	$\frac{1}{2} \times \frac{1}{5} =$		25	$\frac{1}{4} \times \frac{1}{4} =$	
4	$\frac{1}{2} \times \frac{1}{9} =$		26	$\frac{1}{4} \times \frac{3}{4} =$	
5	$\frac{1}{9} \times \frac{1}{2} =$		27	$\frac{3}{4} \times \frac{3}{4} =$	
6	$\frac{1}{5} \times \frac{1}{2} =$		28	$\frac{3}{4} \times \frac{4}{3} =$	
7	$\frac{1}{5} \times \frac{1}{3} =$		29	$\frac{3}{4} \times \frac{5}{4} =$	
8	$\frac{1}{5} \times \frac{1}{7} =$		30	$\frac{3}{4} \times \frac{6}{4} =$	
9	$\frac{1}{5} \times \frac{1}{3} =$		31	$\frac{4}{3} \times \frac{4}{6} =$	
10	$\frac{1}{3} \times \frac{1}{5} =$		32	$\frac{2}{3} \times \frac{1}{5} =$	
11	$\frac{1}{3} \times \frac{2}{5} =$		33	$\frac{2}{3} \times \frac{4}{5} =$	
12	$\frac{2}{3} \times \frac{2}{5} =$		34	$\frac{2}{3} \times \frac{5}{5} =$	
13	$\frac{1}{3} \times \frac{1}{4} =$		35	$\frac{2}{3} \times \frac{6}{5} =$	
14	$\frac{1}{3} \times \frac{3}{4} =$		36	$\frac{1}{3} \times \frac{6}{5} =$	
15	$\frac{2}{3} \times \frac{3}{4} =$		37	$\frac{1}{9} \times \frac{1}{9} =$	
16	$\frac{1}{3} \times \frac{1}{6} =$		38	$\frac{1}{5} \times \frac{3}{8} =$	
17	$\frac{2}{3} \times \frac{1}{6} =$		39	$\frac{3}{4} \times \frac{1}{6} =$	
18	$\frac{2}{3} \times \frac{5}{6} =$		40	$\frac{2}{3} \times \frac{2}{3} =$	
19	$\frac{3}{2} \times \frac{3}{4} =$		41	$\frac{3}{4} \times \frac{8}{8} =$	
20	$\frac{1}{5} \times \frac{1}{5} =$		42	$\frac{2}{3} \times \frac{6}{3} =$	
21	$\frac{3}{5} \times \frac{3}{5} =$		43	$\frac{6}{7} \times \frac{8}{9} =$	
22	$\frac{3}{5} \times \frac{4}{5} =$		44	$\frac{7}{12} \times \frac{8}{7} =$	

**A**

# Correct \_\_\_\_\_

Multiply.

1	$3 \times 2 =$		23	$0.6 \times 2 =$	
2	$3 \times 0.2 =$		24	$0.6 \times 0.2 =$	
3	$3 \times 0.02 =$		25	$0.6 \times 0.02 =$	
4	$3 \times 3 =$		26	$0.2 \times 0.06 =$	
5	$3 \times 0.3 =$		27	$5 \times 7 =$	
6	$3 \times 0.03 =$		28	$0.5 \times 7 =$	
7	$2 \times 4 =$		29	$0.5 \times 0.7 =$	
8	$2 \times 0.4 =$		30	$0.5 \times 0.07 =$	
9	$2 \times 0.04 =$		31	$0.7 \times 0.05 =$	
10	$5 \times 3 =$		32	$2 \times 8 =$	
11	$5 \times 0.3 =$		33	$9 \times 0.2 =$	
12	$5 \times 0.03 =$		34	$3 \times 7 =$	
13	$7 \times 2 =$		35	$8 \times 0.03 =$	
14	$7 \times 0.2 =$		36	$4 \times 6 =$	
15	$7 \times 0.02 =$		37	$0.6 \times 7 =$	
16	$4 \times 3 =$		38	$0.7 \times 0.7 =$	
17	$4 \times 0.3 =$		39	$0.8 \times 0.06 =$	
18	$0.4 \times 3 =$		40	$0.09 \times 0.6 =$	
19	$0.4 \times 0.3 =$		41	$6 \times 0.8 =$	
20	$0.4 \times 0.03 =$		42	$0.7 \times 0.9 =$	
21	$0.3 \times 0.04 =$		43	$0.08 \times 0.8 =$	
22	$6 \times 2 =$		44	$0.9 \times 0.08 =$	

**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Multiply.

1	$4 \times 2 =$		23	$0.8 \times 2 =$	
2	$4 \times 0.2 =$		24	$0.8 \times 0.2 =$	
3	$4 \times 0.02 =$		25	$0.8 \times 0.02 =$	
4	$2 \times 3 =$		26	$0.2 \times 0.08 =$	
5	$2 \times 0.3 =$		27	$5 \times 9 =$	
6	$2 \times 0.03 =$		28	$0.5 \times 9 =$	
7	$3 \times 3 =$		29	$0.5 \times 0.9 =$	
8	$3 \times 0.3 =$		30	$0.5 \times 0.09 =$	
9	$3 \times 0.03 =$		31	$0.9 \times 0.05 =$	
10	$4 \times 3 =$		32	$2 \times 6 =$	
11	$4 \times 0.3 =$		33	$7 \times 0.2 =$	
12	$4 \times 0.03 =$		34	$3 \times 8 =$	
13	$9 \times 2 =$		35	$9 \times 0.03 =$	
14	$9 \times 0.2 =$		36	$4 \times 8 =$	
15	$9 \times 0.02 =$		37	$0.7 \times 6 =$	
16	$5 \times 3 =$		38	$0.6 \times 0.6 =$	
17	$5 \times 0.3 =$		39	$0.6 \times 0.08 =$	
18	$0.5 \times 3 =$		40	$0.06 \times 0.9 =$	
19	$0.5 \times 0.3 =$		41	$8 \times 0.6 =$	
20	$0.5 \times 0.03 =$		42	$0.9 \times 0.7 =$	
21	$0.3 \times 0.05 =$		43	$0.07 \times 0.7 =$	
22	$8 \times 2 =$		44	$0.8 \times 0.09 =$	

A

# Correct \_\_\_\_\_

Divide.

1	$\frac{1}{2} \div 2 =$		23	$4 \div \frac{1}{4} =$	
2	$\frac{1}{2} \div 3 =$		24	$\frac{1}{3} \div 3 =$	
3	$\frac{1}{2} \div 4 =$		25	$\frac{2}{3} \div 3 =$	
4	$\frac{1}{2} \div 7 =$		26	$\frac{1}{4} \div 2 =$	
5	$7 \div \frac{1}{2} =$		27	$\frac{3}{4} \div 2 =$	
6	$6 \div \frac{1}{2} =$		28	$\frac{1}{5} \div 2 =$	
7	$5 \div \frac{1}{2} =$		29	$\frac{3}{5} \div 2 =$	
8	$3 \div \frac{1}{2} =$		30	$\frac{1}{6} \div 2 =$	
9	$2 \div \frac{1}{5} =$		31	$\frac{5}{6} \div 2 =$	
10	$3 \div \frac{1}{5} =$		32	$\frac{5}{6} \div 3 =$	
11	$4 \div \frac{1}{5} =$		33	$\frac{1}{6} \div 3 =$	
12	$7 \div \frac{1}{5} =$		34	$3 \div \frac{1}{6} =$	
13	$\frac{1}{5} \div 7 =$		35	$6 \div \frac{1}{6} =$	
14	$\frac{1}{3} \div 2 =$		36	$7 \div \frac{1}{7} =$	
15	$2 \div \frac{1}{3} =$		37	$8 \div \frac{1}{8} =$	
16	$\frac{1}{4} \div 2 =$		38	$9 \div \frac{1}{9} =$	
17	$2 \div \frac{1}{4} =$		39	$\frac{1}{8} \div 7 =$	
18	$\frac{1}{5} \div 2 =$		40	$9 \div \frac{1}{8} =$	
19	$2 \div \frac{1}{5} =$		41	$\frac{1}{8} \div 7 =$	
20	$3 \div \frac{1}{4} =$		42	$7 \div \frac{1}{6} =$	
21	$\frac{1}{4} \div 3 =$		43	$9 \div \frac{1}{7} =$	
22	$\frac{1}{4} \div 4 =$		44	$\frac{1}{8} \div 9 =$	

**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Divide.

1	$\frac{1}{2} \div 2 =$		23	$3 \div \frac{1}{3} =$	
2	$\frac{1}{5} \div 3 =$		24	$\frac{1}{4} \div 4 =$	
3	$\frac{1}{5} \div 4 =$		25	$\frac{3}{4} \div 4 =$	
4	$\frac{1}{5} \div 7 =$		26	$\frac{1}{3} \div 3 =$	
5	$7 \div \frac{1}{5} =$		27	$\frac{2}{3} \div 3 =$	
6	$6 \div \frac{1}{5} =$		28	$\frac{1}{6} \div 2 =$	
7	$5 \div \frac{1}{5} =$		29	$\frac{5}{6} \div 2 =$	
8	$3 \div \frac{1}{5} =$		30	$\frac{1}{5} \div 5 =$	
9	$2 \div \frac{1}{2} =$		31	$\frac{3}{5} \div 5 =$	
10	$3 \div \frac{1}{2} =$		32	$\frac{3}{5} \div 4 =$	
11	$4 \div \frac{1}{2} =$		33	$\frac{1}{5} \div 6 =$	
12	$7 \div \frac{1}{2} =$		34	$6 \div \frac{1}{5} =$	
13	$\frac{1}{2} \div 7 =$		35	$6 \div \frac{1}{4} =$	
14	$\frac{1}{4} \div 2 =$		36	$7 \div \frac{1}{6} =$	
15	$2 \div \frac{1}{4} =$		37	$8 \div \frac{1}{7} =$	
16	$\frac{1}{3} \div 2 =$		38	$9 \div \frac{1}{8} =$	
17	$2 \div \frac{1}{3} =$		39	$\frac{1}{8} \div 8 =$	
18	$\frac{1}{2} \div 2 =$		40	$9 \div \frac{1}{9} =$	
19	$2 \div \frac{1}{2} =$		41	$\frac{1}{9} \div 8 =$	
20	$4 \div \frac{1}{3} =$		42	$7 \div \frac{1}{7} =$	
21	$\frac{1}{3} \div 4 =$		43	$9 \div \frac{1}{6} =$	
22	$\frac{1}{3} \div 3 =$		44	$\frac{1}{8} \div 6 =$	

**A**

# Correct \_\_\_\_\_

Multiply.

1	$2 \times 10 =$		23	$33 \times 20 =$	
2	$12 \times 10 =$		24	$33 \times 200 =$	
3	$12 \times 100 =$		25	$24 \times 10 =$	
4	$4 \times 10 =$		26	$24 \times 20 =$	
5	$34 \times 10 =$		27	$24 \times 100 =$	
6	$34 \times 100 =$		28	$24 \times 200 =$	
7	$7 \times 10 =$		29	$23 \times 30 =$	
8	$27 \times 10 =$		30	$23 \times 300 =$	
9	$27 \times 100 =$		31	$71 \times 2 =$	
10	$3 \times 10 =$		32	$71 \times 20 =$	
11	$3 \times 2 =$		33	$14 \times 2 =$	
12	$3 \times 20 =$		34	$14 \times 3 =$	
13	$13 \times 10 =$		35	$14 \times 30 =$	
14	$13 \times 2 =$		36	$14 \times 300 =$	
15	$13 \times 20 =$		37	$82 \times 20 =$	
16	$13 \times 100 =$		38	$15 \times 300 =$	
17	$13 \times 200 =$		39	$71 \times 600 =$	
18	$2 \times 4 =$		40	$18 \times 40 =$	
19	$22 \times 4 =$		41	$75 \times 30 =$	
20	$22 \times 40 =$		42	$84 \times 300 =$	
21	$22 \times 400 =$		43	$87 \times 60 =$	
22	$33 \times 2 =$		44	$79 \times 800 =$	

**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Multiply.

1	$3 \times 10 =$		23	$44 \times 20 =$	
2	$13 \times 10 =$		24	$44 \times 200 =$	
3	$13 \times 100 =$		25	$42 \times 10 =$	
4	$5 \times 10 =$		26	$42 \times 20 =$	
5	$35 \times 10 =$		27	$42 \times 100 =$	
6	$35 \times 100 =$		28	$42 \times 200 =$	
7	$8 \times 10 =$		29	$32 \times 30 =$	
8	$28 \times 10 =$		30	$32 \times 300 =$	
9	$28 \times 100 =$		31	$81 \times 2 =$	
10	$4 \times 10 =$		32	$81 \times 20 =$	
11	$4 \times 2 =$		33	$13 \times 3 =$	
12	$4 \times 20 =$		34	$13 \times 4 =$	
13	$14 \times 10 =$		35	$13 \times 40 =$	
14	$14 \times 2 =$		36	$13 \times 400 =$	
15	$14 \times 20 =$		37	$72 \times 30 =$	
16	$14 \times 100 =$		38	$15 \times 300 =$	
17	$14 \times 200 =$		39	$81 \times 600 =$	
18	$2 \times 3 =$		40	$16 \times 40 =$	
19	$22 \times 3 =$		41	$65 \times 30 =$	
20	$22 \times 30 =$		42	$48 \times 300 =$	
21	$22 \times 300 =$		43	$89 \times 60 =$	
22	$44 \times 2 =$		44	$76 \times 800 =$	



**A**

# Correct \_\_\_\_\_

Divide.

1	$30 \div 10 =$	23	$480 \div 4 =$
2	$430 \div 10 =$	24	$480 \div 40 =$
3	$4,300 \div 10 =$	25	$6,300 \div 3 =$
4	$4,300 \div 100 =$	26	$6,300 \div 30 =$
5	$43,000 \div 100 =$	27	$6,300 \div 300 =$
6	$50 \div 10 =$	28	$8,400 \div 2 =$
7	$850 \div 10 =$	29	$8,400 \div 20 =$
8	$8,500 \div 10 =$	30	$8,400 \div 200 =$
9	$8,500 \div 100 =$	31	$96,000 \div 3 =$
10	$85,000 \div 100 =$	32	$96,000 \div 300 =$
11	$600 \div 10 =$	33	$96,000 \div 30 =$
12	$60 \div 3 =$	34	$900 \div 30 =$
13	$600 \div 30 =$	35	$1,200 \div 30 =$
14	$4,000 \div 100 =$	36	$1,290 \div 30 =$
15	$40 \div 2 =$	37	$1,800 \div 300 =$
16	$4,000 \div 200 =$	38	$8,000 \div 200 =$
17	$240 \div 10 =$	39	$12,000 \div 200 =$
18	$24 \div 2 =$	40	$12,800 \div 200 =$
19	$240 \div 20 =$	41	$2,240 \div 70 =$
20	$3,600 \div 100 =$	42	$18,400 \div 800 =$
21	$36 \div 3 =$	43	$21,600 \div 90 =$
22	$3,600 \div 300 =$	44	$25,200 \div 600 =$

**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Divide.

1	$20 \div 10 =$	23	$840 \div 4 =$
2	$420 \div 10 =$	24	$840 \div 40 =$
3	$4,200 \div 10 =$	25	$3,600 \div 3 =$
4	$4,200 \div 100 =$	26	$3,600 \div 30 =$
5	$42,000 \div 100 =$	27	$3,600 \div 300 =$
6	$40 \div 10 =$	28	$4,800 \div 2 =$
7	$840 \div 10 =$	29	$4,800 \div 20 =$
8	$8,400 \div 10 =$	30	$4,800 \div 200 =$
9	$8,400 \div 100 =$	31	$69,000 \div 3 =$
10	$84,000 \div 100 =$	32	$69,000 \div 300 =$
11	$900 \div 10 =$	33	$69,000 \div 30 =$
12	$90 \div 3 =$	34	$800 \div 40 =$
13	$900 \div 30 =$	35	$1,200 \div 40 =$
14	$6,000 \div 100 =$	36	$1,280 \div 40 =$
15	$60 \div 2 =$	37	$1,600 \div 400 =$
16	$6,000 \div 200 =$	38	$8,000 \div 200 =$
17	$240 \div 10 =$	39	$14,000 \div 200 =$
18	$24 \div 2 =$	40	$14,600 \div 200 =$
19	$240 \div 20 =$	41	$2,560 \div 80 =$
20	$6,300 \div 100 =$	42	$16,100 \div 700 =$
21	$63 \div 3 =$	43	$14,400 \div 60 =$
22	$6,300 \div 300 =$	44	$37,800 \div 900 =$

**A**

# Correct \_\_\_\_\_

Multiply.

1	$62.3 \times 10 =$		23	$4.1 \times 1000 =$	
2	$62.3 \times 100 =$		24	$7.6 \times 1000 =$	
3	$62.3 \times 1000 =$		25	$0.01 \times 1000 =$	
4	$73.6 \times 10 =$		26	$0.07 \times 1000 =$	
5	$73.6 \times 100 =$		27	$0.072 \times 100 =$	
6	$73.6 \times 1000 =$		28	$0.802 \times 10 =$	
7	$0.6 \times 10 =$		29	$0.019 \times 1000 =$	
8	$0.06 \times 10 =$		30	$7.412 \times 1000 =$	
9	$0.006 \times 10 =$		31	$6.8 \times 100 =$	
10	$0.3 \times 10 =$		32	$4.901 \times 10 =$	
11	$0.3 \times 100 =$		33	$16.07 \times 100 =$	
12	$0.3 \times 1000 =$		34	$9.19 \times 10 =$	
13	$0.02 \times 10 =$		35	$18.2 \times 100 =$	
14	$0.02 \times 100 =$		36	$14.7 \times 1000 =$	
15	$0.02 \times 1000 =$		37	$2.021 \times 100 =$	
16	$0.008 \times 10 =$		38	$172.1 \times 10 =$	
17	$0.008 \times 100 =$		39	$3.2 \times 20 =$	
18	$0.008 \times 1000 =$		40	$4.1 \times 20 =$	
19	$0.32 \times 10 =$		41	$3.2 \times 30 =$	
20	$0.67 \times 10 =$		42	$1.3 \times 30 =$	
21	$0.91 \times 100 =$		43	$3.12 \times 40 =$	
22	$0.74 \times 100 =$		44	$14.12 \times 40 =$	

**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Multiply.

1	$46.1 \times 10 =$		23	$5.2 \times 1000 =$	
2	$46.1 \times 100 =$		24	$8.7 \times 1000 =$	
3	$46.1 \times 1000 =$		25	$0.01 \times 1000 =$	
4	$89.2 \times 10 =$		26	$0.08 \times 1000 =$	
5	$89.2 \times 100 =$		27	$0.083 \times 10 =$	
6	$89.2 \times 1000 =$		28	$0.903 \times 10 =$	
7	$0.3 \times 10 =$		29	$0.017 \times 1000 =$	
8	$0.03 \times 10 =$		30	$8.523 \times 1000 =$	
9	$0.003 \times 10 =$		31	$7.9 \times 100 =$	
10	$0.9 \times 10 =$		32	$5.802 \times 10 =$	
11	$0.9 \times 100 =$		33	$27.08 \times 100 =$	
12	$0.9 \times 1000 =$		34	$8.18 \times 10 =$	
13	$0.04 \times 10 =$		35	$29.3 \times 100 =$	
14	$0.04 \times 100 =$		36	$25.8 \times 1000 =$	
15	$0.04 \times 1000 =$		37	$3.032 \times 100 =$	
16	$0.007 \times 10 =$		38	$283.1 \times 10 =$	
17	$0.007 \times 100 =$		39	$2.1 \times 20 =$	
18	$0.007 \times 1000 =$		40	$3.3 \times 20 =$	
19	$0.45 \times 10 =$		41	$3.1 \times 30 =$	
20	$0.78 \times 10 =$		42	$1.2 \times 30 =$	
21	$0.28 \times 100 =$		43	$2.11 \times 40 =$	
22	$0.19 \times 100 =$		44	$13.11 \times 40 =$	

**A**

# Correct \_\_\_\_\_

Round to the nearest whole number.

1	3.1 ≈		23	12.51 ≈	
2	3.2 ≈		24	16.61 ≈	
3	3.3 ≈		25	17.41 ≈	
4	3.4 ≈		26	11.51 ≈	
5	3.5 ≈		27	11.49 ≈	
6	3.6 ≈		28	13.49 ≈	
7	3.9 ≈		29	13.51 ≈	
8	13.9 ≈		30	15.51 ≈	
9	13.1 ≈		31	15.49 ≈	
10	13.5 ≈		32	6.3 ≈	
11	7.5 ≈		33	7.6 ≈	
12	8.5 ≈		34	49.5 ≈	
13	9.5 ≈		35	3.45 ≈	
14	19.5 ≈		36	17.46 ≈	
15	29.5 ≈		37	11.76 ≈	
16	89.5 ≈		38	5.2 ≈	
17	2.4 ≈		39	12.8 ≈	
18	2.41 ≈		40	59.5 ≈	
19	2.42 ≈		41	5.45 ≈	
20	2.45 ≈		42	19.47 ≈	
21	2.49 ≈		43	19.87 ≈	
22	2.51 ≈		44	69.51 ≈	

**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Round to the nearest whole number.

1	4.1 ≈		23	13.51 ≈	
2	4.2 ≈		24	17.61 ≈	
3	4.3 ≈		25	18.41 ≈	
4	4.4 ≈		26	12.51 ≈	
5	4.5 ≈		27	12.49 ≈	
6	4.6 ≈		28	14.49 ≈	
7	4.9 ≈		29	14.51 ≈	
8	14.9 ≈		30	16.51 ≈	
9	14.1 ≈		31	16.49 ≈	
10	14.5 ≈		32	7.3 ≈	
11	7.5 ≈		33	8.6 ≈	
12	8.5 ≈		34	39.5 ≈	
13	9.5 ≈		35	4.45 ≈	
14	19.5 ≈		36	18.46 ≈	
15	29.5 ≈		37	12.76 ≈	
16	79.5 ≈		38	6.2 ≈	
17	3.4 ≈		39	13.8 ≈	
18	3.41 ≈		40	49.5 ≈	
19	3.42 ≈		41	6.45 ≈	
20	3.45 ≈		42	19.48 ≈	
21	3.49 ≈		43	19.78 ≈	
22	3.51 ≈		44	59.51 ≈	

**A**

# Correct \_\_\_\_\_

Subtract.

1	$5 - 1 =$	.	23	$7.985 - 0.002 =$	.
2	$5.9 - 1 =$	.	24	$7.985 - 0.004 =$	.
3	$5.93 - 1 =$	.	25	$2.7 - 0.1 =$	.
4	$5.932 - 1 =$	.	26	$2.785 - 0.1 =$	.
5	$5.932 - 2 =$	.	27	$2.785 - 0.5 =$	.
6	$5.932 - 4 =$	.	28	$4.913 - 0.4 =$	.
7	$0.5 - 0.1 =$	.	29	$3.58 - 0.01 =$	.
8	$0.53 - 0.1 =$	.	30	$3.586 - 0.01 =$	.
9	$0.539 - 0.1 =$	.	31	$3.586 - 0.05 =$	.
10	$8.539 - 0.1 =$	.	32	$7.982 - 0.04 =$	.
11	$8.539 - 0.2 =$	.	33	$6.126 - 0.001 =$	.
12	$8.539 - 0.4 =$	.	34	$6.126 - 0.004 =$	.
13	$0.05 - 0.01 =$	.	35	$9.348 - 0.006 =$	.
14	$0.057 - 0.01 =$	.	36	$8.347 - 0.3 =$	.
15	$1.057 - 0.01 =$	.	37	$9.157 - 0.05 =$	.
16	$1.857 - 0.01 =$	.	38	$6.879 - 0.009 =$	.
17	$1.857 - 0.02 =$	.	39	$6.548 - 2 =$	.
18	$1.857 - 0.04 =$	.	40	$6.548 - 0.2 =$	.
19	$0.005 - 0.001 =$	.	41	$6.548 - 0.02 =$	.
20	$7.005 - 0.001 =$	.	42	$6.548 - 0.002 =$	.
21	$7.905 - 0.001 =$	.	43	$6.196 - 0.06 =$	.
22	$7.985 - 0.001 =$	.	44	$9.517 - 0.004 =$	.

**B**

Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

Subtract.

1	$6 - 1 =$	.	23	$7.986 - 0.002 =$	.
2	$6.9 - 1 =$	.	24	$7.986 - 0.004 =$	.
3	$6.93 - 1 =$	.	25	$3.7 - 0.1 =$	.
4	$6.932 - 1 =$	.	26	$3.785 - 0.1 =$	.
5	$6.932 - 2 =$	.	27	$3.785 - 0.5 =$	.
6	$6.932 - 4 =$	.	28	$5.924 - 0.4 =$	.
7	$0.6 - 0.1 =$	.	29	$4.58 - 0.01 =$	.
8	$0.63 - 0.1 =$	.	30	$4.586 - 0.01 =$	.
9	$0.639 - 0.1 =$	.	31	$4.586 - 0.05 =$	.
10	$8.639 - 0.1 =$	.	32	$6.183 - 0.04 =$	.
11	$8.639 - 0.2 =$	.	33	$7.127 - 0.001 =$	.
12	$8.639 - 0.4 =$	.	34	$7.127 - 0.004 =$	.
13	$0.06 - 0.01 =$	.	35	$1.459 - 0.006 =$	.
14	$0.067 - 0.01 =$	.	36	$8.457 - 0.4 =$	.
15	$1.067 - 0.01 =$	.	37	$1.267 - 0.06 =$	.
16	$1.867 - 0.01 =$	.	38	$7.981 - 0.001 =$	.
17	$1.867 - 0.02 =$	.	39	$7.548 - 2 =$	.
18	$1.867 - 0.04 =$	.	40	$7.548 - 0.2 =$	.
19	$0.006 - 0.001 =$	.	41	$7.548 - 0.02 =$	.
20	$7.006 - 0.001 =$	.	42	$7.548 - 0.002 =$	.
21	$7.906 - 0.001 =$	.	43	$7.197 - 0.06 =$	.
22	$7.986 - 0.001 =$	.	44	$1.627 - 0.004 =$	.



**A**

# Correct \_\_\_\_\_

Simplify.

1	$\frac{2}{4} =$		23	$\frac{9}{27} =$	
2	$\frac{2}{6} =$		24	$\frac{9}{63} =$	
3	$\frac{2}{8} =$		25	$\frac{8}{12} =$	
4	$\frac{5}{10} =$		26	$\frac{8}{16} =$	
5	$\frac{5}{15} =$		27	$\frac{8}{24} =$	
6	$\frac{5}{20} =$		28	$\frac{8}{64} =$	
7	$\frac{4}{8} =$		29	$\frac{12}{18} =$	
8	$\frac{4}{12} =$		30	$\frac{12}{16} =$	
9	$\frac{4}{16} =$		31	$\frac{9}{12} =$	
10	$\frac{3}{6} =$		32	$\frac{6}{8} =$	
11	$\frac{3}{9} =$		33	$\frac{10}{12} =$	
12	$\frac{3}{12} =$		34	$\frac{15}{18} =$	
13	$\frac{4}{6} =$		35	$\frac{8}{10} =$	
14	$\frac{6}{12} =$		36	$\frac{16}{20} =$	
15	$\frac{6}{18} =$		37	$\frac{12}{15} =$	
16	$\frac{6}{30} =$		38	$\frac{18}{27} =$	
17	$\frac{6}{9} =$		39	$\frac{27}{36} =$	
18	$\frac{7}{14} =$		40	$\frac{32}{40} =$	
19	$\frac{7}{21} =$		41	$\frac{45}{54} =$	
20	$\frac{7}{42} =$		42	$\frac{24}{36} =$	
21	$\frac{8}{12} =$		43	$\frac{60}{72} =$	
22	$\frac{9}{18} =$		44	$\frac{48}{60} =$	

**B** Improvement \_\_\_\_\_ # Correct \_\_\_\_\_

1	$\frac{5}{10} =$		23	$\frac{8}{24} =$	
2	$\frac{5}{15} =$		24	$\frac{8}{56} =$	
3	$\frac{5}{20} =$		25	$\frac{8}{12} =$	
4	$\frac{2}{4} =$		26	$\frac{9}{18} =$	
5	$\frac{2}{6} =$		27	$\frac{9}{27} =$	
6	$\frac{2}{8} =$		28	$\frac{9}{72} =$	
7	$\frac{3}{6} =$		29	$\frac{12}{18} =$	
8	$\frac{3}{9} =$		30	$\frac{6}{8} =$	
9	$\frac{3}{12} =$		31	$\frac{9}{12} =$	
10	$\frac{4}{8} =$		32	$\frac{12}{16} =$	
11	$\frac{4}{12} =$		33	$\frac{8}{10} =$	
12	$\frac{4}{16} =$		34	$\frac{16}{20} =$	
13	$\frac{4}{6} =$		35	$\frac{12}{15} =$	
14	$\frac{7}{14} =$		36	$\frac{10}{12} =$	
15	$\frac{7}{21} =$		37	$\frac{15}{18} =$	
16	$\frac{7}{35} =$		38	$\frac{16}{24} =$	
17	$\frac{6}{9} =$		39	$\frac{24}{32} =$	
18	$\frac{6}{12} =$		40	$\frac{36}{45} =$	
19	$\frac{6}{18} =$		41	$\frac{40}{48} =$	
20	$\frac{6}{36} =$		42	$\frac{24}{36} =$	
21	$\frac{8}{12} =$		43	$\frac{48}{60} =$	
22	$\frac{8}{16} =$		44	$\frac{60}{72} =$	

**A**

Subtract. Give each answer as a mixed number in its simplest form.

# Correct \_\_\_\_\_

1	$4 - \frac{1}{2} =$		23	$3 - \frac{1}{8} =$	
2	$3 - \frac{1}{2} =$		24	$3 - \frac{3}{8} =$	
3	$2 - \frac{1}{2} =$		25	$3 - \frac{5}{8} =$	
4	$1 - \frac{1}{2} =$		26	$3 - \frac{7}{8} =$	
5	$1 - \frac{1}{3} =$		27	$2 - \frac{7}{8} =$	
6	$2 - \frac{1}{3} =$		28	$4 - \frac{1}{7} =$	
7	$4 - \frac{1}{3} =$		29	$3 - \frac{6}{7} =$	
8	$4 - \frac{2}{3} =$		30	$2 - \frac{3}{7} =$	
9	$2 - \frac{2}{3} =$		31	$4 - \frac{4}{7} =$	
10	$2 - \frac{1}{4} =$		32	$3 - \frac{5}{7} =$	
11	$2 - \frac{3}{4} =$		33	$4 - \frac{3}{4} =$	
12	$3 - \frac{3}{4} =$		34	$2 - \frac{5}{8} =$	
13	$3 - \frac{1}{4} =$		35	$3 - \frac{3}{10} =$	
14	$4 - \frac{3}{4} =$		36	$4 - \frac{2}{5} =$	
15	$2 - \frac{1}{10} =$		37	$4 - \frac{3}{7} =$	
16	$3 - \frac{9}{10} =$		38	$3 - \frac{7}{10} =$	
17	$2 - \frac{7}{10} =$		39	$3 - \frac{5}{10} =$	
18	$4 - \frac{3}{10} =$		40	$4 - \frac{2}{8} =$	
19	$3 - \frac{1}{5} =$		41	$2 - \frac{9}{12} =$	
20	$3 - \frac{2}{5} =$		42	$4 - \frac{2}{12} =$	
21	$3 - \frac{4}{5} =$		43	$3 - \frac{2}{6} =$	
22	$3 - \frac{3}{5} =$		44	$2 - \frac{8}{12} =$	

**B** Subtract. Give each answer as a mixed number in its simplest form.

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

1	$1 - \frac{1}{2} =$		23	$2 - \frac{1}{8} =$	
2	$2 - \frac{1}{2} =$		24	$2 - \frac{3}{8} =$	
3	$3 - \frac{1}{2} =$		25	$2 - \frac{5}{8} =$	
4	$4 - \frac{1}{2} =$		26	$2 - \frac{7}{8} =$	
5	$1 - \frac{1}{4} =$		27	$4 - \frac{7}{8} =$	
6	$2 - \frac{1}{4} =$		28	$3 - \frac{1}{7} =$	
7	$4 - \frac{1}{4} =$		29	$2 - \frac{6}{7} =$	
8	$4 - \frac{3}{4} =$		30	$4 - \frac{3}{7} =$	
9	$2 - \frac{3}{4} =$		31	$3 - \frac{4}{7} =$	
10	$2 - \frac{1}{3} =$		32	$2 - \frac{5}{7} =$	
11	$2 - \frac{2}{3} =$		33	$3 - \frac{3}{4} =$	
12	$3 - \frac{2}{3} =$		34	$4 - \frac{5}{8} =$	
13	$3 - \frac{1}{3} =$		35	$2 - \frac{3}{10} =$	
14	$4 - \frac{2}{3} =$		36	$3 - \frac{2}{5} =$	
15	$3 - \frac{1}{10} =$		37	$3 - \frac{3}{7} =$	
16	$2 - \frac{9}{10} =$		38	$2 - \frac{7}{10} =$	
17	$4 - \frac{7}{10} =$		39	$2 - \frac{5}{10} =$	
18	$3 - \frac{3}{10} =$		40	$3 - \frac{6}{8} =$	
19	$2 - \frac{1}{5} =$		41	$4 - \frac{3}{12} =$	
20	$2 - \frac{2}{5} =$		42	$3 - \frac{10}{12} =$	
21	$2 - \frac{4}{5} =$		43	$2 - \frac{4}{6} =$	
22	$3 - \frac{3}{5} =$		44	$4 - \frac{4}{12} =$	

**A**

# Correct \_\_\_\_\_

Express as an improper fraction.

1	$1\frac{1}{5} =$		23	$2\frac{7}{10} =$	
2	$2\frac{1}{5} =$		24	$4\frac{9}{10} =$	
3	$3\frac{1}{5} =$		25	$1\frac{1}{8} =$	
4	$4\frac{1}{5} =$		26	$1\frac{5}{6} =$	
5	$1\frac{1}{4} =$		27	$4\frac{5}{6} =$	
6	$1\frac{3}{4} =$		28	$4\frac{5}{8} =$	
7	$1\frac{2}{5} =$		29	$1\frac{5}{8} =$	
8	$1\frac{3}{5} =$		30	$2\frac{3}{8} =$	
9	$1\frac{4}{5} =$		31	$3\frac{3}{10} =$	
10	$2\frac{4}{5} =$		32	$4\frac{7}{10} =$	
11	$3\frac{4}{5} =$		33	$4\frac{4}{5} =$	
12	$2\frac{1}{4} =$		34	$4\frac{1}{8} =$	
13	$2\frac{3}{4} =$		35	$4\frac{3}{8} =$	
14	$3\frac{1}{4} =$		36	$4\frac{7}{8} =$	
15	$3\frac{3}{4} =$		37	$1\frac{5}{12} =$	
16	$4\frac{1}{3} =$		38	$1\frac{7}{12} =$	
17	$4\frac{2}{3} =$		39	$2\frac{1}{12} =$	
18	$2\frac{3}{5} =$		40	$3\frac{1}{12} =$	
19	$3\frac{3}{5} =$		41	$2\frac{7}{12} =$	
20	$4\frac{3}{5} =$		42	$3\frac{5}{12} =$	
21	$2\frac{1}{6} =$		43	$3\frac{11}{12} =$	
22	$3\frac{1}{8} =$		44	$4\frac{7}{12} =$	

**B**

# Correct \_\_\_\_\_

Express as an improper fraction.

1	$1\frac{1}{2} =$		23	$2\frac{3}{10} =$	
2	$2\frac{1}{2} =$		24	$3\frac{1}{10} =$	
3	$3\frac{1}{2} =$		25	$1\frac{1}{6} =$	
4	$4\frac{1}{2} =$		26	$1\frac{3}{8} =$	
5	$1\frac{1}{3} =$		27	$3\frac{5}{6} =$	
6	$1\frac{2}{3} =$		28	$3\frac{5}{8} =$	
7	$1\frac{3}{10} =$		29	$2\frac{5}{8} =$	
8	$1\frac{7}{10} =$		30	$1\frac{7}{8} =$	
9	$1\frac{9}{10} =$		31	$4\frac{3}{10} =$	
10	$2\frac{9}{10} =$		32	$3\frac{7}{10} =$	
11	$3\frac{9}{10} =$		33	$2\frac{5}{6} =$	
12	$2\frac{1}{3} =$		34	$2\frac{7}{8} =$	
13	$2\frac{2}{3} =$		35	$3\frac{7}{8} =$	
14	$3\frac{1}{3} =$		36	$4\frac{1}{6} =$	
15	$3\frac{2}{3} =$		37	$1\frac{1}{12} =$	
16	$4\frac{1}{4} =$		38	$1\frac{11}{12} =$	
17	$4\frac{3}{4} =$		39	$4\frac{1}{12} =$	
18	$2\frac{2}{5} =$		40	$2\frac{5}{12} =$	
19	$3\frac{2}{5} =$		41	$2\frac{11}{12} =$	
20	$4\frac{2}{5} =$		42	$3\frac{7}{12} =$	
21	$3\frac{1}{6} =$		43	$4\frac{5}{12} =$	
22	$2\frac{1}{8} =$		44	$4\frac{11}{12} =$	

**A**

# Correct \_\_\_\_\_

Multiply.

1	$3 \times 2 =$		23	$0.6 \times 2 =$	
2	$3 \times 0.2 =$		24	$0.6 \times 0.2 =$	
3	$3 \times 0.02 =$		25	$0.6 \times 0.02 =$	
4	$3 \times 3 =$		26	$0.2 \times 0.06 =$	
5	$3 \times 0.3 =$		27	$5 \times 7 =$	
6	$3 \times 0.03 =$		28	$0.5 \times 7 =$	
7	$2 \times 4 =$		29	$0.5 \times 0.7 =$	
8	$2 \times 0.4 =$		30	$0.5 \times 0.07 =$	
9	$2 \times 0.04 =$		31	$0.7 \times 0.05 =$	
10	$5 \times 3 =$		32	$2 \times 8 =$	
11	$5 \times 0.3 =$		33	$9 \times 0.2 =$	
12	$5 \times 0.03 =$		34	$3 \times 7 =$	
13	$7 \times 2 =$		35	$8 \times 0.03 =$	
14	$7 \times 0.2 =$		36	$4 \times 6 =$	
15	$7 \times 0.02 =$		37	$0.6 \times 7 =$	
16	$4 \times 3 =$		38	$0.7 \times 0.7 =$	
17	$4 \times 0.3 =$		39	$0.8 \times 0.06 =$	
18	$0.4 \times 3 =$		40	$0.09 \times 0.6 =$	
19	$0.4 \times 0.3 =$		41	$6 \times 0.8 =$	
20	$0.4 \times 0.03 =$		42	$0.7 \times 0.9 =$	
21	$0.3 \times 0.04 =$		43	$0.08 \times 0.8 =$	
22	$6 \times 2 =$		44	$0.9 \times 0.08 =$	

**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Multiply.

1	$4 \times 2 =$		23	$0.8 \times 2 =$	
2	$4 \times 0.2 =$		24	$0.8 \times 0.2 =$	
3	$4 \times 0.02 =$		25	$0.8 \times 0.02 =$	
4	$2 \times 3 =$		26	$0.2 \times 0.08 =$	
5	$2 \times 0.3 =$		27	$5 \times 9 =$	
6	$2 \times 0.03 =$		28	$0.5 \times 9 =$	
7	$3 \times 3 =$		29	$0.5 \times 0.9 =$	
8	$3 \times 0.3 =$		30	$0.5 \times 0.09 =$	
9	$3 \times 0.03 =$		31	$0.9 \times 0.05 =$	
10	$4 \times 3 =$		32	$2 \times 6 =$	
11	$4 \times 0.3 =$		33	$7 \times 0.2 =$	
12	$4 \times 0.03 =$		34	$3 \times 8 =$	
13	$9 \times 2 =$		35	$9 \times 0.03 =$	
14	$9 \times 0.2 =$		36	$4 \times 8 =$	
15	$9 \times 0.02 =$		37	$0.7 \times 6 =$	
16	$5 \times 3 =$		38	$0.6 \times 0.6 =$	
17	$5 \times 0.3 =$		39	$0.6 \times 0.08 =$	
18	$0.5 \times 3 =$		40	$0.06 \times 0.9 =$	
19	$0.5 \times 0.3 =$		41	$8 \times 0.6 =$	
20	$0.5 \times 0.03 =$		42	$0.9 \times 0.7 =$	
21	$0.3 \times 0.05 =$		43	$0.07 \times 0.7 =$	
22	$8 \times 2 =$		44	$0.8 \times 0.09 =$	



**A**

# Correct \_\_\_\_\_

Divide.

1	$1 \div 1 =$		23	$5 \div 0.1 =$	
2	$1 \div 0.1 =$		24	$0.5 \div 0.1 =$	
3	$2 \div 0.1 =$		25	$0.05 \div 0.1 =$	
4	$7 \div 0.1 =$		26	$0.08 \div 0.1 =$	
5	$1 \div 0.1 =$		27	$4 \div 0.01 =$	
6	$10 \div 0.1 =$		28	$40 \div 0.01 =$	
7	$20 \div 0.1 =$		29	$47 \div 0.01 =$	
8	$60 \div 0.1 =$		30	$59 \div 0.01 =$	
9	$1 \div 1 =$		31	$3 \div 0.1 =$	
10	$1 \div 0.1 =$		32	$30 \div 0.1 =$	
11	$10 \div 0.1 =$		33	$32 \div 0.1 =$	
12	$100 \div 0.1 =$		34	$32.5 \div 0.1 =$	
13	$200 \div 0.1 =$		35	$25 \div 5 =$	
14	$800 \div 0.1 =$		36	$2.5 \div 0.5 =$	
15	$1 \div 0.1 =$		37	$2.5 \div 0.05 =$	
16	$1 \div 0.01 =$		38	$3.6 \div 0.04 =$	
17	$2 \div 0.01 =$		39	$32 \div 0.08 =$	
18	$9 \div 0.01 =$		40	$56 \div 0.7 =$	
19	$5 \div 0.01 =$		41	$77 \div 1.1 =$	
20	$50 \div 0.01 =$		42	$4.8 \div 0.12 =$	
21	$60 \div 0.01 =$		43	$4.84 \div 0.4 =$	
22	$20 \div 0.01 =$		44	$9.63 \div 0.03 =$	

**B**

Improvement \_\_\_\_\_

# Correct \_\_\_\_\_

Divide.

1	$10 \div 1 =$		23	$4 \div 0.1 =$	
2	$1 \div 0.1 =$		24	$0.4 \div 0.1 =$	
3	$2 \div 0.1 =$		25	$0.04 \div 0.1 =$	
4	$8 \div 0.1 =$		26	$0.07 \div 0.1 =$	
5	$1 \div 0.1 =$		27	$5 \div 0.01 =$	
6	$10 \div 0.1 =$		28	$50 \div 0.01 =$	
7	$20 \div 0.1 =$		29	$53 \div 0.01 =$	
8	$70 \div 0.1 =$		30	$68 \div 0.01 =$	
9	$1 \div 1 =$		31	$2 \div 0.1 =$	
10	$1 \div 0.1 =$		32	$20 \div 0.1 =$	
11	$10 \div 0.1 =$		33	$23 \div 0.1 =$	
12	$100 \div 0.1 =$		34	$23.6 \div 0.1 =$	
13	$200 \div 0.1 =$		35	$15 \div 5 =$	
14	$900 \div 0.1 =$		36	$1.5 \div 0.5 =$	
15	$1 \div 0.1 =$		37	$1.5 \div 0.05 =$	
16	$1 \div 0.01 =$		38	$3.2 \div 0.04 =$	
17	$2 \div 0.01 =$		39	$28 \div 0.07 =$	
18	$7 \div 0.01 =$		40	$42 \div 0.6 =$	
19	$4 \div 0.01 =$		41	$88 \div 1.1 =$	
20	$40 \div 0.01 =$		42	$3.6 \div 0.12 =$	
21	$50 \div 0.01 =$		43	$3.63 \div 0.3 =$	
22	$80 \div 0.01 =$		44	$8.44 \div 0.04 =$	